

Authors and originators: N.S. Koroleva, G.T. Gabdullina, N.P. Orlova, E.E. Ulyanova

Guidance materials for conducting a WorldSkills Kazan 2019 Lesson in educational institutions of the Russian Federation

The guidelines contain materials on the WorldSkills Kazan 2019 for teaching staff of general education, specialized secondary and higher education establishments. The guidelines provide plan-abstracts of the WorldSkills Kazan 2019 Lesson for different age groups of students, tasks and exercises for the use in subsequent lessons dedicated to the Competition, information on the history, venues, sports, symbols and volunteer movement of the Competition.

The guidelines are accompanied by a DVD with videos, presentations, and songs about the WorldSkills Kazan 2019, as well as with an electronic copy of these guidelines.

INTRODUCTION

On 10 August 2015, at the WorldSkills General Assembly in San Paulo (Brazil), Russia won the right to host the WorldSkills Competition in 2019 (hereinafter, the Competition). It will be the 45th WorldSkills Competition in Kazan. The areas of activities of WorldSkills International are:

- jobs promotion
- career building
- education and professional training
- international cooperation
- research of professional skills
- organization of WorldSkills Competitions, the largest professional skill competitions.

In the Republic of Tatarstan, the preparations for 45th WorldSkills Competition in 2019 have been performed since 2015, and these preparations are so large-scale that they affect all society life spheres and all population groups. The academic year before the WorldSkills Competition starts on 1 September 2018. This event, along with the annual Knowledge Day, will be a milestone and will allow to popularize the Competition among students who have yet to choose a profession. A programme has been developed for preparation of urban infrastructure facilities and for municipal improvement of Kazan for the Competition, which includes road infrastructure, public places, accommodation and catering for participants, visitors and pupils from all regions of Russia. In 2018, the construction of the Kazan Expo international exhibition centre will be completed, and this centre will become the main Competition venue. A land plot of 74.8 hectares located near the Kazan International Airport has been allocated for construction, road junctions and stations will be modernized and a new metro station will be opened, training of the Competition staff and volunteers is being performed. On 15 May 2017, official Competition mascots were presented during the V WorldSkills Russia final opening ceremony in Krasnodar. These mascots are Altyn and Almaz.

WorldSkills Kazan 2019 Competition will be held from 22 August to 27 August 2019. It will feature 56 skills, as well as more than 1,600 Competitors and more than 1,500 Experts.

It is evident that to create a good impression of Kazan for the Competition guests it is not enough for the residents of the city and the republic to simply know about this event. It is necessary to form a positive attitude to this large-scale global event, inspire a sense of pride in Russia, the Republic of Tatarstan, encourage a desire to engage in the preparation and holding of the WorldSkills Competition. In this case, Kazan will be able to strengthen its image as one of the leading scientific, educational, cultural, sporting and tourist centres of Russia.

Work with students of schools, colleges and universities is particularly important. After all, they are referred to in the WorldSkills mission declaration: “raise the profile and recognition of skilled people, and show how important skills are in achieving economic growth.” It is planned to attract a large number of volunteers from pupils and students.

The role of teacher in work with children, teenagers and young people is invaluable. The attitude of students to social events, the level of information awareness and social activity of children and teenagers depends on the teacher.

Conducting the WorldSkills Kazan 2019 Lesson during the 2018–2019 school year in all educational establishments will ensure that every pupil and student will learn about the WorldSkills Competition, find their role in preparation for it, be able to get the most benefit and enjoyment from the Competition and its heritage.

1. About guidance materials for conducting a WorldSkills Kazan 2019 Lesson

WorldSkills 2019 will be a major event in Russia in 2019. In order to attract pupils, students and the entire professional and pedagogical community to participation in this grand event, it is proposed to conduct an integrated *WorldSkills Kazan 2019 Lesson* in all educational establishments of the Republic of Tatarstan during the 2018–2019 school year.

WorldSkills Kazan 2019 Lesson is an extracurricular lesson, during which pupils and students will be presented with comprehensive up-to-date information about the 45th **WorldSkills** Competition, which will be held in Kazan, the capital of the Republic of Tatarstan, from 22 August to 27 August 2019.

The goal of the lesson: comprehensive presentation of the **WorldSkills** Competition, as a major international multi-professional and cultural event in the life of young people in modern Russia.

Objectives of the lesson:

Educational: to acquaint children, teenagers and young people with the WorldSkills history, symbols, competition and volunteer programmes of the 45th WorldSkills Competition.

Pedagogic: to generate interest in career guidance information and acquisition of the basic professional skills.

Developmental: to develop creative and cognitive abilities of students and the need for professional skill improvement.

Equipment and materials needed to conduct the lesson: interactive whiteboard, multimedia projector, computer, lesson presentation, audio files, hand-outs, booklets, drawings depicting various professions.

Materials for the following age groups are provided:

- elementary school students (grades 1-4);
- secondary school students (grades 5-8);
- senior school students (grades 9-11);
- students of colleges and universities.

Methodological basis of the lesson: WorldSkills Kazan 2019 Lesson includes discussion of the topic, study of the WorldSkills development history, familiarization with the conditions of delivering the WorldSkills Competition in Kazan, and with the Competition venues. The main focus of the lesson is

popularization of various jobs, engagement of teenagers and young people in volunteering activities.

The selection of this type of lesson is guided by the lesson goals, which are specified with account for the age distinction of students, necessary level of knowledge and skills of students. At all steps of the lesson, communication is established with the students' knowledge of this topic obtained from the mass media and from students' personal experience. The lesson structure complies with the goals, objectives, type and format of the lesson, the steps are coherent and correlated.

These guidance materials propose the model of the WorldSkills Kazan 2019 Lesson. This model is not mandatory for all educational establishments, since it cannot cover specifics of each educational establishment, each class (academic group) and each teacher. By organizing the WorldSkills Kazan 2019 Lesson according to your own plan, it is important to subject it to the proposed goals, use the information from these guidelines to ensure its reliability, and take into account the age distinction of students. It is possible to conduct the WorldSkills Kazan 2019 Lesson with engagement of acting Experts, competition winners, volunteers; in the form of a virtual tour through the WorldSkills Competition workshops; as a festival of professions; with engagement of parents, etc.

The proposed lesson model includes the following six blocks:

- I. Organizational block.
- II. Introduction to the history of WorldSkills International.
- III. Minute of physical education.
- IV. Who are volunteers?
- V. Discussion of the role of WorldSkills Kazan 2019 in the life of teenagers.
- VI. Summary of the lesson.

In general, this structure is maintained for all age groups; only the duration of the blocks and their content change depending on the age of the students. Each block proposes several options for its execution. Thus, the teacher can independently create a lesson in accordance with their own ideas and character of their students, choosing one option from each block. However, it is important to consider all the blocks, without cutting information from any of them, since all of the listed topics are essential.

As the name of the lesson, you can use the following options: WorldSkills Kazan 2019 Lesson, WorldSkills – Start in Life, WorldSkills – World of Professions,

WorldSkills – for all and everyone, etc. depending on the age of students, organization form and content of the lesson.

Paragraph 6 contains additional exercises, tasks, questions and topics that can be used throughout the year in WorldSkills Kazan 2019 lessons presented in the guidelines.

References:

1. Official website of the “Young professionals (WorldSkills Russia)” Union
<http://worldskills.ru/>
2. Official website of the WorldSkills Kazan 2019
<https://worldskillskazan2019.com/>

2. Guidance materials for conducting a WorldSkills Kazan 2019 Lesson in elementary school (grades 1-4)

Course of the lesson:

1. Organizational block (5 minutes).
2. Introduction to the history of WorldSkills International (10 minutes).
3. Who are volunteers? (5 minutes).
4. Minute of physical education (5 minutes).
5. Discussion of the WorldSkills Competition's impact on the capacities of different categories of Russian citizens (10 minutes).
6. Summary of the lesson (5 minutes).

1. Organizational block

Teacher: Boys and girls! I congratulate you on the beginning of a new school year! I wish you health, success and excellent study. And we have guests today.

(A boy Almaz and a girl Altyn enter accompanied by music (senior students may play the roles). The music shall be selected by the teacher: (Anthem of WorldSkills Russia, This is WorldSkills, Russia Forward!).

Teacher: Children, do you know who they are? (*Children reply. If the children do not know the answer, the teacher replies*) Let's get acquainted with our guests.

Almaz and Altyn: Hello, friends! We are glad to see you! Our names are Almaz and Altyn. We are hardworking, curious and purposeful. We have a present for you.

Teacher (examines a “disguised” laptop): It is a time machine! With it we can travel to the future!

Almaz and Altyn: Correct! Boys and girls, do you want to see what awaits us (thinking dreamily), let's say, next summer? (*children express their consent*) With the time machine, we can achieve this!

So, are you ready? Then sit back, hold on tight, close your eyes. Three, two, one. Let's go!!! (Music or video chosen by the teacher).

2. Introduction to the history of WorldSkills

Teacher: Oh, where are we?

Almaz and Altyn (with admiration): KAZAN is the capital of the 45th WorldSkills Competition! Do you know what the WorldSkills Competition is? (*Children reply*). WorldSkills International is a global organization, its main purpose is to raise the profile of blue-collar jobs.

Teacher: The 45th WorldSkills Competition will be staged in Kazan from 22 to 27

August 2019.

Teacher (Slide 3): The mascots of this Competition are two young masters – boy Almaz and girl Altyn. They represent youth, skill, intelligence and friendship. Almaz and Altyn are skilled specialists of the future! Their slogan: Skills for the future. And today they are our guests!

Teacher: How are the names of these children translated from Tatar? What do they mean? (*The names are translated as “diamond” and “gold”, thus symbolizing professional excellence*).

Almaz and Altyn: You can see the Competition logo on our clothes. WorldSkills in English means world skills and crafts. Also, in the logo it is written “Kazan” in English, and 2019 – the year of the Competition. Young professionals from more than 70 countries will come to Russia, to Kazan, and will compete for the title of the best in their skill. Skill means proficiency.

Teacher: Please look at the screen. All these are the mascots of previous Competitions. Here is Abu Dhabi. Which country is it? (*United Arab Emirates*). And Sao Paulo. Which country is it? (*Brazil*). And Leipzig. Which country is it? (*Germany*). And now – our 1st stop. In order for us to go further and to be able to return home, we will need to answer some questions. We need to divide into 3 teams (Slide 7). Select any question from the table (3 for each team).

(The teacher or Almaz and Altyn read puzzles aloud):

List of questions:

They will come to help us,
When the ocean roars,
In an earthquake,
Typhoon or flood.
Risking their lives, they will save us –
Such is their dangerous job!
(*lifeguards*)

Scissors, shampoo, comb,
I do hairstyles for everyone,
I cut both adults and children.

Guess who I am!

(*hairdresser*)

Tell me who prepares
Delicious cabbage soup.
Aromatic cutlets,
Salads, vinaigrettes,
All breakfasts and lunches?
(*cook*)

Teaches us courtesy,
Reads a story aloud.
Not a teacher, not a writer.
This is nanny,... (*kindergartner*)
 The bell has rung loudly
 A lesson has started in the class.
 Pupils and parents know –
 (*Teacher*) will conduct the lesson

Mother can apply glass-cups,
Smear brushes and wounds.
Mother administers injections
For all boys and girls in our school.
With tenderness and kind word, mother
Helps to become healthy!
(*nurse*)

 He will aim a glass eye,
 Take a shot and record you.
 (*photographer*)

Sews for both adults and children,
Moms, brother, friends –
Excellent wares,
With decent fashions.
(*tailor*)

 He writes programmes,
 Sitting at the computer,
 All emotions are redundant –
 He repeats only the source code.
 (*programmer*)

Teacher: Which country passed the Competition baton to our country? (*United Arab Emirates*). The previous WorldSkills Competition 2017 took place in Abu Dhabi, UAE. This country handed over the WorldSkills flag to our country, which visited space, then travelled across Russia and Tatarstan, and is in Kazan now.

Teacher: Well done, children! Now we can continue our journey.

3. Who are volunteers?

Teacher: We arrived at the second stop – Competition Volunteers. VO-LUN-TE-ERS. What does it mean?

Almaz and Altyn: The WorldSkills Competition 2019 volunteers are purposely selected guys who live in Tatarstan and in other regions and who are ready to help others in all sincerity. A special symbol has been developed for them – this is both a helping hand and a cheerful person’s face, made in the same palette as the

Competition logo. Tell us, what a volunteer can do? (*help elder people, orphans, work for the benefit of the school, take mentorship over younger classes, etc.*).

And why a person might want to be a volunteer? (*Because he/she is active, kind, attracted to others, wants to help others, wants to learn something, wants to make many friends, travel, etc.*) Indeed, the work of a volunteer is associated with kindness and mutual assistance.

4. Minute of physical education

Almaz and Altyn: 3rd stop – sports. Let’s play an entertaining sports game.

Music. Game participants form a circle, hand in hand. The lead enters the circle and makes movements of people of different professions accompanied by music (for example, a driver turns the car wheel, a photographer takes pictures, etc.). All children shall precisely repeat their movements. After that, the lead approaches one of the children in the circle and bows low. The one who was given the bow becomes the lead. The game repeats, the round moves in the other direction.

Teacher: We are at the fourth stop. There are good grounds for saying: “A sound mind in a sound body”. Physical exercises not only improve muscle tone and mood, but also enhance mental abilities. Well, let’s check it in practice. Based on these pictograms you need to guess the professions of competitors. Almaz and Altyn, please help the children!

(The slides show pictograms of the following skills: bricklaying, painting and decorating, floristry, fashion technology, hairdressing, restaurant service, cooking, bakery, health and social care, teaching in lower grades, pre-school education, photography). For grades 3–4, you can use more complex pictograms, and the task of pupils is reduced to correlation of pictograms and skill names on the cards.

5. Discussion of the role of WorldSkills Competition in the lives of the people of Tatarstan

Teacher: Very well done, children!

Option 1

And now let’s paint the Competition logo, and on the logo rays we will write about the things that Competition gives us. Almaz and Altyn pass out leaflets with the logo to children (on Slide 22).

Group discussion. Possible answers are skills, friendship, success, etc.

Option 2.

Complete puzzles (Appendix 1): a representative of the profession – in the centre, objects used by this person – at the edges. Can be completed individually, in pairs or in groups.

Option 3. Hairdressing

Using clay, create a hairstyle on the proposed facial contour (Appendix 2). The task can be performed in pairs, with agreement to make a symmetrical hairstyle.

Option 4. Laboratory chemical testing

Test juice products (Appendix 3).

6. Summary of the lesson

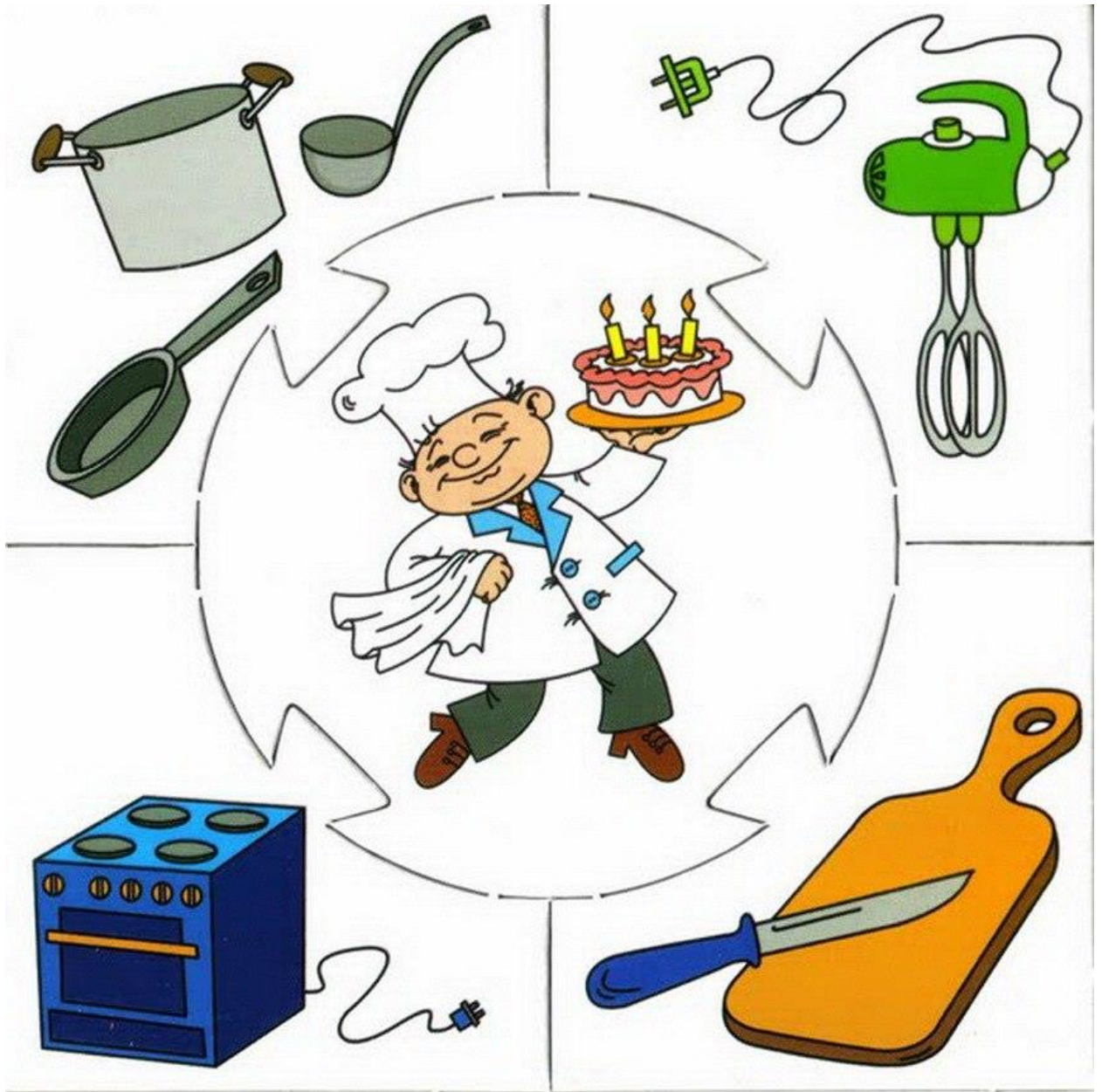
Teacher: It is time to go home. Sit back, hold on tight, close your eyes. Three, two, one. Let's go!!! (Music or video chosen by the teacher).

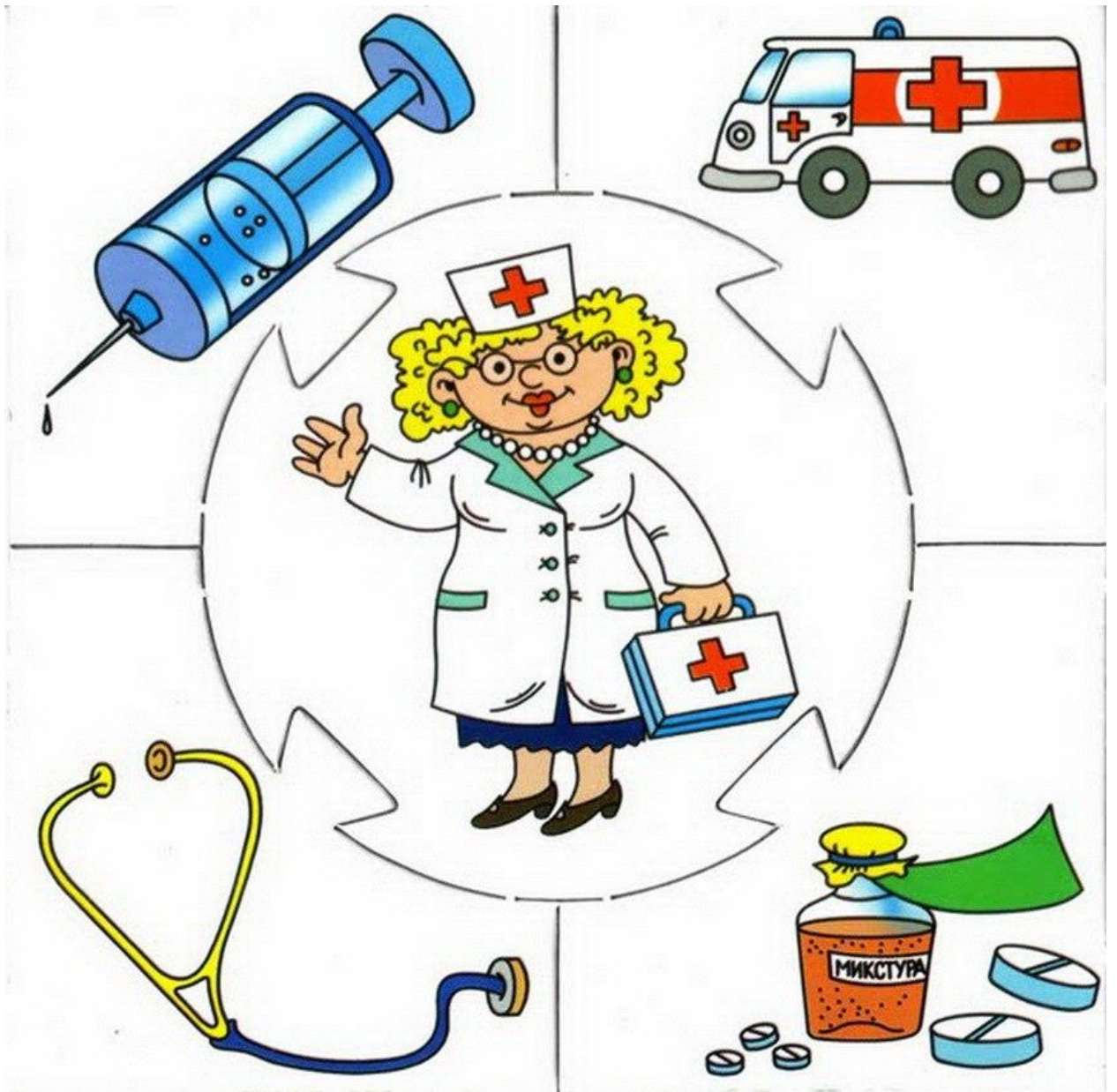
Almaz and Altyn: We need to go home. Our friends are awaiting us.

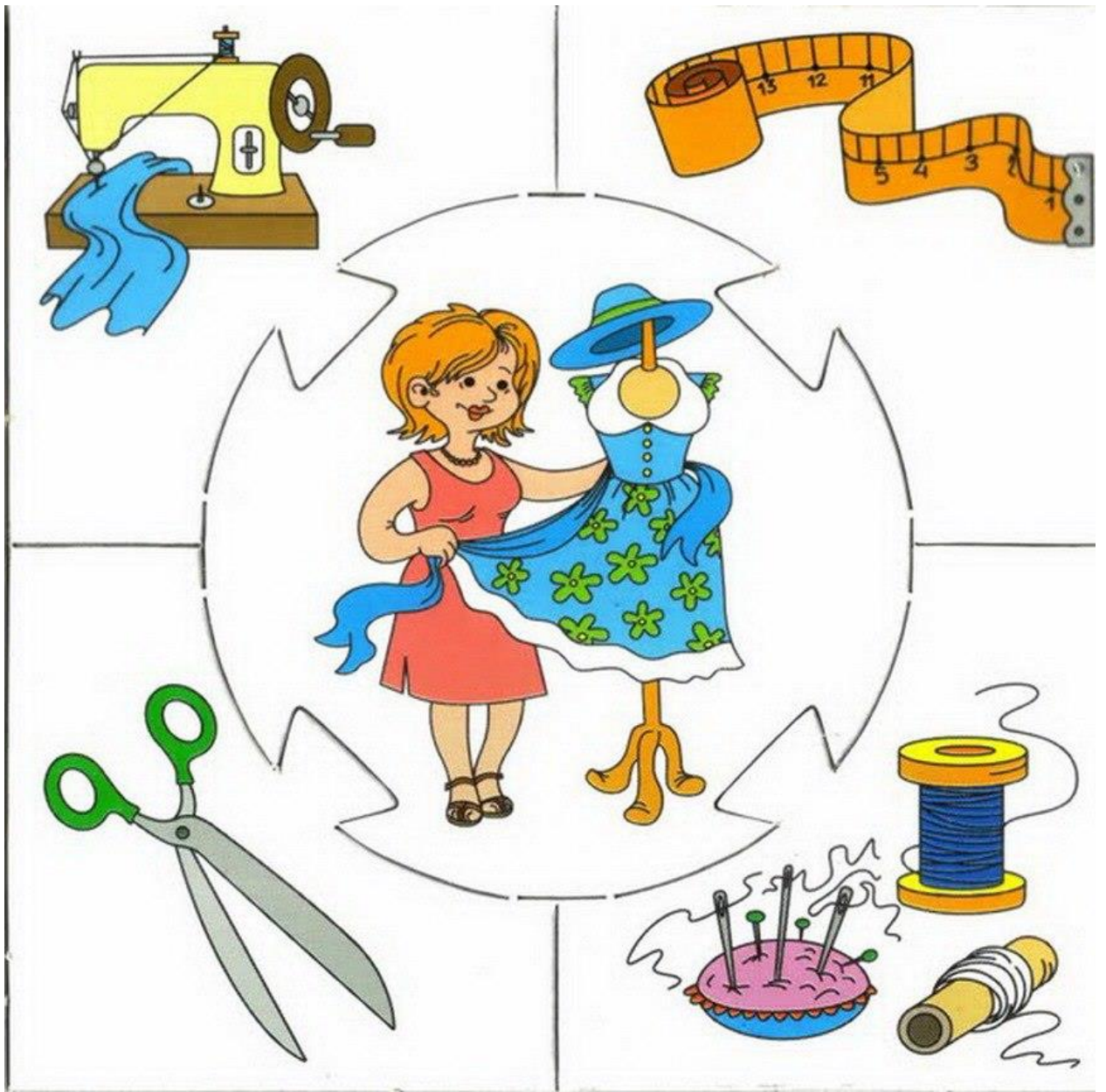
Teacher: Almaz and Altyn, thank you for giving us the time machine. We made an entertaining journey. Come and see us again!

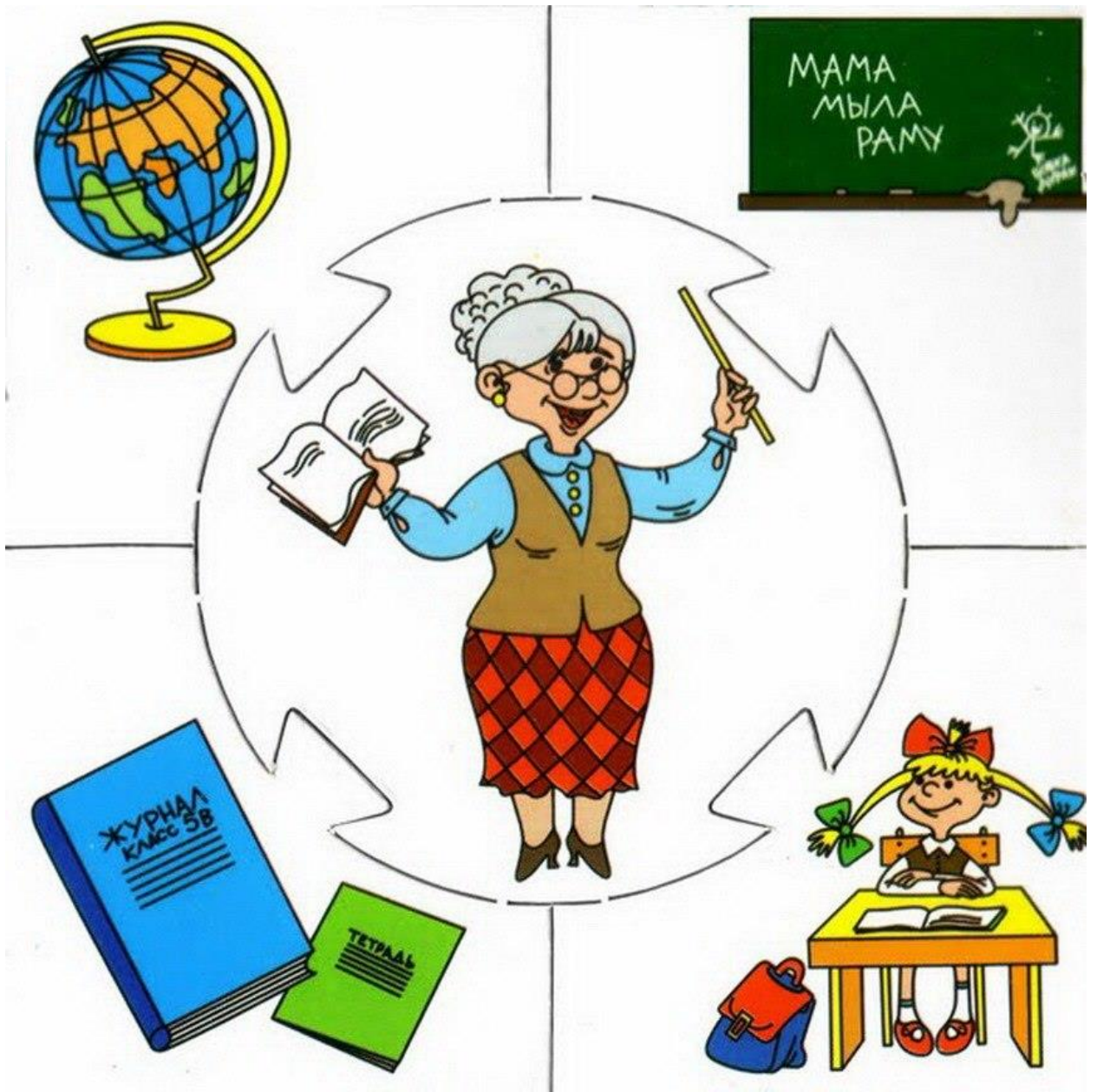
Almaz and Altyn: See you at the Competition!

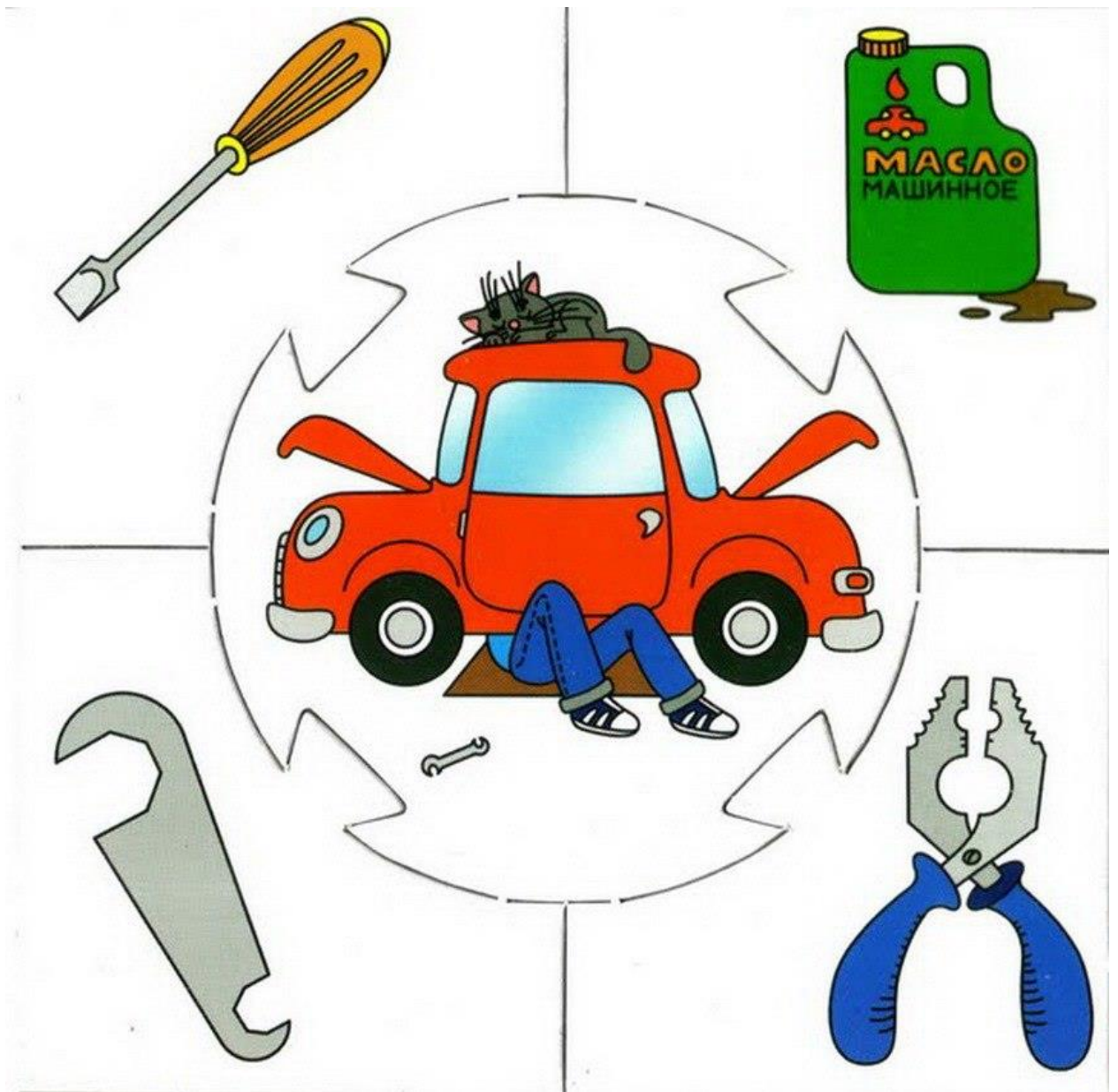
Children say goodbye to Almaz and Altyn.

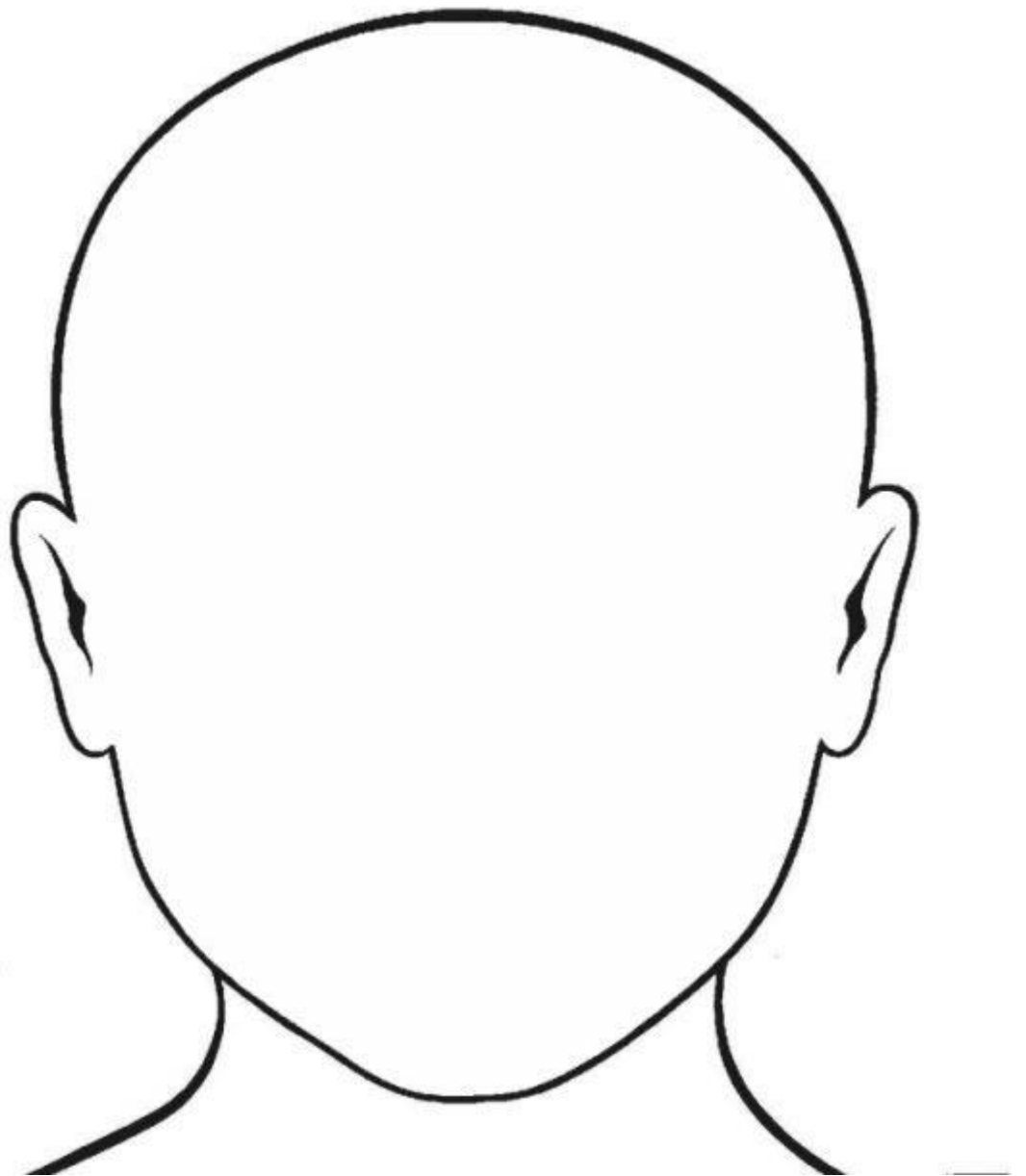












Testing of juice products

Juice No. 1 _____

Juice No. 2 _____

Juice No. 3 _____

Task 1. Taste research

Choose a rating for the samples of juice products which you have degusted and put “+”

Transparency, color, appearance	Excellent – 5 points. Corresponds to the fruits presented in the drink.	Good – 3 points. Appearance corresponds to the drink.	Fair – 1 point. There is a residue, the color does not fully correspond to the fruits of the drink	Poor – 0 points. The color does not correspond to the fruits of the drink, there is a residue.
Juice No. 1				
Juice No. 2				
Juice No. 3				

Taste and aroma	Excellent – 5 points. Rich, pronounced, characteristic of the drink	Good – 3 points. Good taste and aroma characteristic of the drink	Fair – 1 point. Not rich taste, weak aroma characteristic of the drink	Poor – 0 points. Lacking taste with foreign flavors, not characteristic aroma
Juice No. 1				
Juice No. 2				
Juice No. 3				

Conclusions:

Task 2. Detection of anthocyanins (painted vegetable substances)

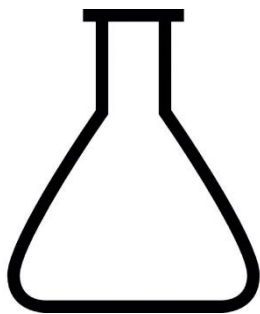
Equipment and reagents: samples of red-colored juice (3), test tubes (3), test tube stand, 10% ammonia solution.

Experimentation:

Detect an artificial red coloring agent in juice products “Qualitative test of red coloring agents (anthocyanins) in juice samples”.

Red coloring agent in juice can be easily qualitatively detected by adding any alkaline solution (ammonia, soda, and even soap solution) in a volume that equals double the volume of the drink.

Expected results: (*when the medium pH changes to alkaline*) natural red coloring agents change color to dirty blue and dark green shades.



Conclusions:

3. Guidance materials for conducting a WorldSkills Kazan 2019 Lesson in secondary school (grades 5–8)

Course of the lesson:

1. Organizational block (5 minutes).
2. Introduction to the history of WorldSkills (10 minutes).
3. Minute of physical education (5 minutes).
4. Who are volunteers? (5 minutes).
5. Discussion of the role of WorldSkills in the lives of the people of Tatarstan (10 minutes).
6. Summary of the lesson (5 minutes).

II Introduction to the history of WorldSkills movement

Teacher: Children, what does the word Competition mean?

(Pupils reply)

Option 1

Teacher (presentation): Competition is a contest among the strongest, which allows to determine the best. Today we will talk about the WorldSkills Competition.

The WorldSkills movement started in post-war Spain. In 1953, an international non-profit association **WorldSkills International** (WSI) was founded. WorldSkills International is aimed at raising the profile of blue-collar jobs and the improvement of professional training quality, standards, and qualification as well as promotion of blue-collar jobs through international contests. The main activity of WorldSkills International is organization and delivering of professional competitions at various levels for young people under 22 years. The WorldSkills Competition, which is also called Skills Olympics, is held every two years. Over 70 years, the scope of skill competitions has grown: in 1950 there were only 12 competitors, in 2017, at the 44th WorldSkills Competition in Abu Dhabi, there were already 1,600 competitors. WorldSkills Kazan 2019 is expected to have 1,500 participants. Today, WSI movement combines 78 countries.

On 10 August 2015, at the WorldSkills General Assembly in San Paulo (Brazil), Russia won the right to host the WorldSkills Competition in 2019. 45th WorldSkills Competition will be held in Kazan. Young professionals from more than 70 countries will come to Russia to compete for the title of the best.

Currently WorldSkills is the world's largest competition in professional skills. The Competition allows industry leaders, governments and educational establishments to exchange information and best practices in industry and in the field of vocational

education. New ideas and processes inspire school students to devote their lives to technology and new technologies to build a better future.

Who is eligible for the Competitions?

Pupils, students and qualified specialists from 10 to 22 years old (in some skills up to 25 years old) can participate in Skills Competitions. JuniorSkills Youth League was established especially for children, while the national WorldSkills Russia system was created for students and graduates of VET institutions. Young employees of industrial enterprises can participate in specially organized national competitions for open working professions of high-tech industries according to the WorldSkills methodology (WorldSkills Russia Hi-Tech). Specifically for competitions in the field of rapidly developing innovative professions, a separate FutureSkills area was organized. Within the framework of the Competition, a skill competition among pupils of 10-17 years old will be held.

The WorldSkills Kazan Competition will feature competitions for more than 50 skills in various production fields: from woodwork to floristry, from hairdressing to electronics, from body repair to bakery. They are combined into six sectors:

1. Manufacturing and Engineering Technology
2. Social and Personal Services
3. Transportation and Logistics
4. Construction and Building Technology
5. Creative Arts and Fashion
6. Information and Communication Technology

Kazan is the capital of the WorldSkills Competition

WorldSkills Kazan 2019 Competition will be held from 22 August to 27 August 2019. It will have over 1,600 competitors and over 1,500 experts.

The venue of the WorldSkills Kazan 2019 is Kazan Expo, new world-class exhibition centre. A land plot of 74.8 hectares located near the Kazan International Airport has been allocated for construction (the area of used land plot is 62 hectares). Not far from Kazan Expo there is the WorldSkills Village, where they will have a comfortably stay during the Competition. Also, guests can visit the Culture SkillsPark, where they will be introduced to the traditional crafts, arts and habits of the Russian people. The WorldSkills community will have an unforgettable competitions and will visit the hospitable Kazan, which will give a lot of bright impressions and ensure comfort and safety.

Brand Book, marketing and communication programme, Competition website concept are developed. On 15 May 2017, official Competition mascots were presented during the V WorldSkills Russia final opening ceremony in Krasnodar.

These are two young masters. They have traditional Tatar names — Almaz and Altyn. The names are translated as “diamond” and “gold”, thus symbolizing professional excellence. They represent youth, skill, intelligence and friendship. Almaz and Altyn are skilled specialists of the future!

The motto of WorldSkills Kazan 2019 Competition – Skills For the Future. It expresses the main goal of WorldSkills – make our world a better place with the help of professional skills – and embodies the competition atmosphere.

Option 2

Brief information.

Answers to 7-10 questions chosen by the teacher.

Teacher:

- What is WorldSkills? (a professional development movement, which is gaining more power in the world and in Russia)
- When was the first Competition organized? (1946)
- How often WorldSkills Competitions are held? (every 2 years)
- Where will the next WorldSkills Competition be held? (in Kazan)
- When will the 45th WorldSkills Competition take place? (22 August – 27 August 2019)
- Name the mascots of the 45th WorldSkills Competition. (Almaz and Altyn)
- When will the 45th WorldSkills Competition be opened? (22 August 2019)
- When will the WorldSkills Kazan Competition be closed? (27 August 2019)
- How many skills will be presented at the WorldSkills Kazan Competition? (more than 50 skills)
- Who are the participants of the Competition? (young professionals 17–22 years old)
- Where will the competition part of the event be held? (Kazan Expo International Exhibition Centre)

2. Teacher: Pictograms of skills will be shown on the screen (5–7 pictograms). You need to name them.

3. Teacher: Names of skills will be shown on the screen, you need to describe activities of people in these professions.

Discussion: Which tasks were easier to perform, which ones were more difficult?

Why so?

3. Minute of physical education

Team captains take turns making movements of people of different professions accompanied by music (for example, a driver turns the car wheel, a photographer takes pictures, etc.), team members repeat these movements and guess the profession.

4. Who are volunteers?

Volunteering is a conscientious voluntary activity for the benefit of other people. Any person who works selflessly for the benefit of others can be called a volunteer. Tell us, what a volunteer can do? (*help elder people, orphans, work for the benefit of the school, take mentorship over younger classes, etc.*). Any person over 14 years old can be a volunteer of the WorldSkills Competition.

Imagine, 3,500 volunteers from Russia and other countries will be involved in the WorldSkills Kazan 2019.

What do you think volunteers do at skill competitions? (*help to deliver competitions, help tourists familiarize with the city, help to organize catering for participants, experts and guests, etc.*)

And why a person might want to be a volunteer? (*Because he/she is active, kind, attracted to others, wants to help people, wants to learn something, wants to make many friends, travel, etc.*) Indeed, the volunteer activity is multifaceted, and everyone can find a job according to their abilities and interests.

V. Discussion of the role of WorldSkills Competition in the lives of the people of Tatarstan

Teacher: And now, boys and girls, you will need to work with your teams. You need to debate the answer to the question “What can the WorldSkills Competition give me?”, and in 5 minutes we will hear your answers.

Answers are listened to. The teacher comments on them.

VI. Summary of the lesson

Teacher: So, we have talked about the WorldSkills movement. The mission of the WorldSkills Competition in Kazan is to gather young professionals from around the world in this city with a unique multi-ethnic heritage; to continue the traditions of professional skill development, to serve as a stepping-stone for new generations of the best professionals; to make the life in Kazan more diverse, more interesting, more comfortable; to provide us and our children with the opportunity to do their favorite and interesting work; to make a significant contribution to the formation of a positive image of Russia in the world.

Maybe someday you will also become participants in WorldSkills competitions, as competitors or volunteers. We now know that WorldSkills is not only for the best in

the profession, but for the whole society. Because new ideas for development of each profession, and there are a lot of them at competitions, become the force for progress of the whole professional area. WorldSkills movement helps us learn to succeed and fulfil our dreams, while remaining in harmony with ourselves, environment and other people.

Home work.

Option 1. Tell about the WorldSkills Kazan 2019 to your relatives, friends, acquaintances.

Option 2. Write a short essay about how you would like to participate in the Competition.

4. Guidance materials for conducting a WorldSkills Kazan 2019 Lesson in senior school (grades 9–11)

Course of the lesson:

1. Organizational block (5 minutes).
2. Introduction to the history of WorldSkills (10 minutes).
3. Minute of physical education (5 minutes).
4. Who are volunteers? (5 minutes).
5. Discussion of the role of WorldSkills in the life of each citizen of Tatarstan (10 minutes).
6. Summary of the lesson (5 minutes).

II Introduction to the history of WorldSkills movement

Teacher: Children, what does the word Competition mean?

(Pupils reply)

Option 1

Teacher (presentation): Competition is a contest to determine the champion. Competitions can be held in sports, among animals, as well as in professional skills. This contest among the strongest allows to determine the best. Today we will talk about the WorldSkills Competition.

The WorldSkills International (WSI) movement started in post-war Spain. In order to revive interest in blue-collar jobs, one of the initiators of the movement, Francisco Albert-Vidal, decided to hold a professional skill competition among young professionals. They learned about the competition from newspapers and at their own expense set out to Madrid from all Europe. They wanted to show themselves and to look at others. Russia joined the WorldSkills movement in 2012.

In 1953, an international non-profit association **WorldSkills International** (WSI) was founded. WorldSkills International is aimed at raising the profile of blue-collar jobs and improving professional training quality, standards, and qualification as well as promotion of blue-collar jobs through international contests. The main activity of WorldSkills International is organization and delivering of professional competitions at various levels for young people under 22 years. The WorldSkills Competition, which is also called Skills Olympics, is held every two years. Over 70 years, the scope of skill competitions has grown: in 1950 there were only 12 competitors, in 2017, at the 44th WorldSkills Competition in Abu Dhabi, there were already 1,600 competitors. The WorldSkills Kazan 2019 is expected to have 1,500 competitors. Today, WSI movement combines 78 countries.

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Currently WorldSkills is the world's largest competition in professional skills. The Competition allows industry leaders, governments and educational establishments to exchange information and best practices in industry and in the field of vocational education. New ideas and processes inspire school students to devote their lives to technology and new technologies, and build a better future.

Who is eligible for the Competitions?

Pupils, students and qualified specialists from 10 to 22 years old can participate in Skill Competitions. JuniorSkills Youth League was established specifically for children, while the national WorldSkills Russia system was created for students and graduates of VET institutions. Young employees of industrial enterprises can participate in specially organized national competitions for open working professions of high-tech industries according to the WorldSkills methodology (WorldSkills Russia Hi-Tech). Specifically for competitions in the field of rapidly developing innovative professions, a separate FutureSkills area was organized. For the first time ever, a skill competition among pupils of 10-17 years old will be held within the framework of the Competition.

There will be competitions for more than 50 skills in various production fields: from woodwork to floristry, from hairdressing to electronics, from body repair to bakery. They are combined into six areas:

1. Manufacturing and Engineering Technology
2. Social and Personal Services
3. Transportation and Logistics
4. Construction and Building Technology
5. Creative Arts and Fashion
6. Information and Communication Technology

Kazan is the capital of the WorldSkills Competition

WorldSkills Kazan 2019 will be held from 22 August to 27 August 2019. It will

have over 1,500 competitors and over 1,600 experts.

The venue of the WorldSkills Kazan 2019 is Kazan Expo, new world-class exhibition centre. A land plot of 74.8 hectares located near the Kazan International Airport has been allocated for construction (the area of used land plot is 62 hectares). Not far from Kazan Expo there is the WorldSkills Village, in which they will have a comfortable stay during the Competition. Also, guests can visit the Culture SkillsPark, where they will be introduced to the traditional crafts, arts and habits of the Russian people. The WorldSkills community will have an unforgettable competitions and will visit the hospitable Kazan, which will give a lot of bright impressions and ensure comfort and safety.

Brand Book, marketing and communication programme, Competition website concept are developed. On 15 May 2017, official Competition mascots were presented during the V WorldSkills Russia final opening ceremony in Krasnodar. These are two young masters. They have traditional Tatar names — Almaz and Altyn. The names are translated as “diamond” and “gold”, thus symbolizing professional excellence. They represent youth, skill, intelligence and friendship. Almaz and Altyn are skilled specialists of the future!

The motto of WorldSkills Kazan 2019 Competition – Skills For the Future. It expresses the main goal of WorldSkills – make our world a better place with the help of professional skills – and embodies the competition atmosphere.

WorldSkills Flag Relay

On 14-19 October 2017, a delegation of the Republic of Tatarstan visited the WorldSkills Competition in Abu Dhabi (UAE) in order to study the experience of delivering WorldSkills Competitions.

On 19 October, as part of the WSAD2017 Closing Ceremony, a video presentation of Russia and Kazan was shown (*show the video*). The Deputy Prime Minister of the Russian Federation Olga Golodets delivered a welcoming speech on behalf of the Competition Organizing Committee. She expressed gratitude to all WSAD2017 organizers, and also invited everyone to the 45th WorldSkills Competition in 2019 in Kazan.

The Closing Ceremony ended with the ceremony of the WorldSkills flag handover to the delegation of the Russian Federation. Ilsur Metshin, the Mayor of Kazan, received the WorldSkills flag from the WorldSkills Abu Dhabi 2017 President Mubarak Al Shamsi and WorldSkills Abu Dhabi 2017 Executive Director Ali Al Marzuki.

On 20 October the WorldSkills flag came to Sochi, Russia. The flag was delivered

by Konstantin Larin, the gold medal winner in the WSAD2017 Web Design skill. Konstantin was also named The Best of Nation. This title is awarded to the team member that has the most points.

The official flag reception was organized on the territory of Sochi airport. On 21 October as part of events planned on the central stage of the nineteenth World Festival of Youth and Students, Medals Plaza in Sochi, the official celebration of the WorldSkills flag was held, where the WorldSkills Flag Relay project kicked off.

Next, the Competition flag was sent to the International Space Station and returned to Earth only on 27 February 2018. In March 2018, the relay continued around 21 countries, each of which has hosted a WorldSkills Competition, and visited 33 former host cities. After the international stage, the flag relay across the subjects of the Russian Federation will start, it is planned to involve all 85 subjects of the Russian Federation, as well as 43 municipal districts and 2 urban districts of the Republic of Tatarstan and deliver the flag to Kazan for the Competition Opening Ceremony.

Option 2

Brief information.

Answers to 7-10 questions chosen by the teacher

Teacher:

- What is WorldSkills? (a professional development movement, which is gaining more power in the world and in Russia)
- When was the first Competition organized? (1946)
- Who initiated the professional skill competitions? (Francisco Albert-Vidal)
- How often WorldSkills Competitions are held? (every 2 years)
- Where will the next WorldSkills Competition be held? (in Kazan)
- When will the 45th WorldSkills Competition take place? (22 August– 27 August 2019)
- Name the mascots of the 45th WorldSkills Competition. (Almaz and Altyn)
- When will the 45th WorldSkills Competition be opened? (22 August 2019)
- When will the 45th WorldSkills Competition be closed? (27 August 2019)
- How many skills will be presented at the 45th WorldSkills Competition? (more

than 50 skills)

- Who are the participants of the Competition? (young professionals 17–22 years old)
- Where will the Competition be held? (Kazan Expo International Exhibition Centre)
- The motto of the 45th WorldSkills Competition (Skills for the Future).
- How was the WorldSkills flag delivered from the 44th to the 45th WorldSkills Competition? (On 20 October the WorldSkills flag came to Sochi, Russia). The flag was delivered by Konstantin Larin, the gold medal winner in the WSAD2017 Web Design. Konstantin was also named The Best of Nation. This title is awarded to the team member that has the most points.

The official flag reception was organized on the territory of Sochi airport. On 21 October as part of events planned on the central stage of the nineteenth World Festival of Youth and Students, Medals Plaza in Sochi, the official celebration of the WorldSkills flag was held, where the WorldSkills Flag Relay project kicked off.

2. Teacher: Pictograms of skills will be shown on the screen (5–7 pictograms). You need to name them.

3. Teacher: Names of skills will be shown on the screen, you need to describe activities of people in these professions.

Discussion: Which tasks were easier to perform, which ones were more difficult?

Why so?

3. Minute of physical education

Team captains take turns making movements of people of different professions accompanied by music (for example, a driver turns the car wheel, a photographer takes pictures, etc.), team members repeat these movements and guess the profession.

4. Who are volunteers?

Volunteering is a conscientious voluntary activity for the benefit of other people. Any person who works willfully and selflessly for the benefit of others can be called a volunteer. Volunteering is recognized at the highest international level. Tell us, what can a volunteer do? (*help elder people, orphans, work for the benefit of the*

school, take mentorship over younger classes, etc.). Any person over 14 years old can be a volunteer of the WorldSkills Competition.

Imagine, 3,500 volunteers from Russia and other countries will be involved in the WorldSkills Kazan 2019 for more than 20 functional areas. The major part of them will be students and pupils of the Republic of Tatarstan. Why do you think a person may want to be a volunteer? (*Learn to communicate, make many friends, improve English skills, meet famous professional community experts, WorldSkills champions, make new acquaintances with foreigners and learn how they live in their countries, see new places, try themselves in adult life, etc.*). Have any of you ever been a volunteer? Tell us about your experience.

What do you think volunteers do at skill competitions? (*help to hold competitions, help tourists familiarize with the city, help to organize catering for participants, experts and guests, etc.*)

Indeed, the volunteer activity is multifaceted, and everyone can find a job according to their abilities and interests. Also, volunteer work at the WorldSkills Competition 2019 in Kazan has many different areas, so everyone can find a task according to their abilities and interests. You can learn more about areas of volunteer work and how to become a volunteer on the www.worldskillskazan2019.com website. In order to enter the Kazan 2019 volunteer team, you need to register and fill out an application. Do not miss your chance to see the WorldSkills Competition from the inside and become part of its history.

Volunteering is one of the best ways of self-expression, self-development and self-improvement; moreover, you will be the most popular in our school, our district, and maybe the whole world will know about you. The future in your skills.

Tasks

Option 1

Teacher: Imagine that you are volunteers. Present Kazan to tourists who visit this city for the first time.

(Pupils divide into groups. They shall prepare a short story about the sights of the city in Russian or English, remember or compose a poem about Kazan).

Examples of pupils' replies:

1) Message in Russian:

Among the sights of the city, the Kazan's "trademark" stands out – the view of the Millennium Square and the Kremlin from the Kazanka river. The "flying saucer" of the Kazan Circus and the Söyembikä Tower surrounded by the Kremlin walls, the

Annunciation Cathedral and the Qolşärif Mosque form a spectacular silhouette that has become a symbol of the city.

City sights and promenades for citizens and guests of the city are Baumana and Peterburgskaya streets, as well as Bulak Canal, Kremlevskaya, Karla Marksa, Gorkogo, Ostrovskogo, and other streets.

Also in the city you can visit the Park of the Millennium, Kyrilai Amusement Park, Victory Memorial Park, Chernoye Ozero Park, Liberty Square, the area in front of the Galiyasgar Kamal Tatar Academic Theatre.

Today there are many sports facilities and complexes in the city: Kazan Arena, Tatneft Arena, Aquatics Palace and others where professional athletes and sport fans can train for competitions and improve their health.

2) *Poem about Kazan:*

I sing to you, my Kazan,
In the land of forest swamps and deep rivers
Was established as a fortress
The capital of khans, my Kazan.
From the Golden Horde to our days
Your appearance has changed many times,
You are renewed, aspires skyward.
The symbol of yours is double-winged leopard.
Legends of old times, Kurai and Shurale,
Mother song in the Tatar language,
And broken granite keeps the past
About Qolşärif and Söyembikä tower.
Both young and millennial...
In anticipation of new changes
How long was a dream your underground city –
Kazan metro.
And fates of many are connected to you,
Intertwined, unbreakable,
We love the fatherland, where Tuqay sang,
To pass his love to sons.
In the land of great lakes and deep rivers
Where the crescent shines,
Carried in hearts, inimitable,
There is my beauty, my Kazan.

3) Story about Kazan in English:

Kazan is the capital of Tatarstan. It is one of the most beautiful cities in the world. Here you can see different buildings, museums, theatres and sport objects. Our city has a long history.

Also Kazan is the city for the students. There are many different Universities in our city. I think it is the best place for the Universiade.

Option 2

Teacher: Tell us about your interests and hobbies, what hobby groups and career guidance organizations you are visiting. How can volunteers help in holding competitions for this skill?

Option 3

Teacher: The class divides into “Tourists” and “Volunteers”. Task for the “Tourists”: Imagine that you were in Kazan for the first time. Ask any 3 questions about the city, after receiving the answers you will have to tell your relatives about Kazan”.

Pupils read their questions, which are answered by the “Volunteers”.

Discussion: Was it difficult to play a volunteer role? Did you like this role? Would you like to be volunteers?

V. Discussion of the role of WorldSkills in the lives of the people of Tatarstan.

Teacher: And now, boys and girls, you will need to work in teams. You need to debate the answer to the question “What can the WorldSkills Competition give me?”, and in 5 minutes we will hear your answers.

Answers are listened to. The teacher comments them.

VI. Summary of the lesson

Teacher: So, today we are starting a new school year, which will culminate in the WorldSkills Competition in Kazan. Many events dedicated to the WorldSkills Competition will be held this year, and I hope that you all will take an active part in them. The mission of the WorldSkills Competition in Kazan is to gather young professionals from around the world in this city with a unique multi-ethnic heritage; to continue the traditions of professional skill development, to serve as a stepping-stone for new generations of the best professionals; to make the life in Kazan more diverse, more interesting, more comfortable; to provide us and our children with the opportunity to do their favorite and interesting work; to make a significant contribution to the formation of a positive image of Russia in the world.

Maybe someday you will also become participants in WorldSkills competitions, as competitors or volunteers. We now know that WorldSkills is not only for the best in the profession, but for the whole society. Because new ideas for development of each profession, and there are a lot of them at competitions, become the force for progress of the whole professional area. WorldSkills movement helps us learn to succeed and

fulfil our dreams, while remaining in harmony with ourselves, environment and other people.

Home work.

Option 1. Tell about the WorldSkills Kazan 2019 to your relatives, friends, acquaintances.

Option 2. Write a short essay about how you would like to participate in the Competition.

Option 3. Compose a crossword about the WorldSkills movement.

Option 4. Think about the area you would like to become a volunteer of and register on the website www.worldskillskazan2019.com

5. Guidance materials for conducting a WorldSkills Kazan 2019 Lesson in specialized secondary and higher education establishments

Course of the lesson:

1. Organizational block (5 minutes).
2. Introduction to the history of WorldSkills (15 minutes).
3. Minute of physical education (5 minutes).
4. Who are volunteers? (5 minutes).
5. Discussion of the role of WorldSkills in the lives of the people of Tatarstan (10 minutes).
6. Summary of the lesson (5 minutes).

1. Organizational block

Music selected by the teacher: (Anthem of WorldSkills Russia, This is WorldSkills, Russia Forward!).

Teacher: Dear students, I congratulate you on the beginning of a new school year, which will culminate in a grand event in the life of the Republic of Tatarstan and Kazan – the 45th WorldSkills Competition.

On 19 August 2015, at the WorldSkills General Assembly in San Paulo (Brazil), Russia won the right to host the WorldSkills Competition in 2019. It will be 45th WorldSkills Competition in Kazan.

You could already experience how actively our city is preparing for this event. This is not surprising, since the Competition is a contest in professional skills among young people aged under 22. Does our university (college) participate in the WorldSkills movement? What events related to the upcoming Competition were held at our university (college)?

Major efforts have been taken, and the 2018-2019 school year is the final straight, which will end on 22 August in Kazan.

2. Introduction to the history of the WorldSkills movement

Teacher: Where do you get information about WorldSkills? (*Students reply*).

– Let's see how much you know about the WorldSkills movement.

The group divides into teams. Teams take turns mentioning facts about the WorldSkills movement. The team gets 1 point for each correct answer. Finally, conclusion is considered.

Teacher: Let's complement and expand our knowledge.

Option 1

Teacher (presentation):

History of the WorldSkills movement

WorldSkills International (WSI) is an international organization with the purpose of raising the profile of blue-collar jobs and improving professional training quality, standards, and qualification worldwide. Ever since its foundation, WorldSkills International has been providing expert knowledge and aid in developing and enforcing the highest global professional standards for blue-collar jobs in the industrial and service sectors.

WSI dedicates most of its efforts to delivering WorldSkills Competitions in various countries around the globe, thus giving young professionals a chance to express themselves and showcase their skills. Every 2 years, WorldSkills International holds a world competition in professional skills. Young professionals from around the world come to the competition to compete for the chance to receive an award in the chosen skill.

The WorldSkills International (WSI) movement started in post-war Spain, which, like many countries at that time, was experiencing a shortage of workers. In order to revive interest in blue-collar jobs, one of the initiators of the movement, Francisco Albert-Vidal, decided to hold a professional skill competition among young professionals. They learned about the competition from newspapers and at their own expense set out to Madrid from all Europe. They wanted to show themselves and to look at others. Russia joined the WorldSkills movement in 2012.

Over 70 years, the scope of skill competitions has grown: in 1950 there were only 12 competitors, in 2017, at the 44th WorldSkills Competition in Abu Dhabi, there were already 1,300 competitors. The WorldSkills Kazan 2019 is expected to gather 1,600 competitors. Today, WSI movement combines 78 countries. WorldSkills competitions around the world are attended by thousands of high school students, which makes the movement a powerful mechanism of vocational guidance for young people. These competitions are also called Skills Olympics. Currently WorldSkills is the world's largest competition in professional skills. The Competition also allows industry leaders, governments and educational establishments to exchange information and best practices in industry and in the field of vocational education.

New ideas and processes inspire school students to devote their lives to technology and new technologies, and build a better future.

From 2 July to 7 July 2013, the 42nd WorldSkills Competition was held in Leipzig in 2013. From 12 August to 15 August 2015, the 43rd WorldSkills Competition was held in Sao Paolo in 2015. From 14 October to 19 October 2017, the 44th WorldSkills Competition was held in Abu Dhabi in 2017, featuring 58 countries and 52 skills.

Who is eligible for the Competitions?

Pupils, students and qualified specialists from 10 to 30 years old can participate in multi-level WorldSkills Russia competitions. JuniorSkills Youth League was established specifically for children, while the national WorldSkills Russia system was created for students and graduates of vocational education institutions. Finally, young employees of industrial enterprises can participate in specially organized national competitions for open working professions of high-tech industries according to the WorldSkills methodology (WorldSkills Russia Hi-Tech). Moreover, specifically for competitions in the field of rapidly developing innovative professions, a separate FutureSkills area was organized. For the first time ever, a skill competition among pupils of 10-17 years old will be held within the framework of the Competition.

The WorldSkills Competitions usually feature competitions for more than 50 skills in various production fields: from joinery to floristry, from hairdressing to electronics, from body repair to bakery. They are grouped into six sectors:

1. Manufacturing and Engineering Technology
2. Social and Personal Services
3. Transportation and Logistics
4. Construction and Building Technology
5. Creative Arts and Fashion
6. Information and Communication Technology

Kazan is the capital of the WorldSkills Competition

WorldSkills Kazan 2019 Competition will be held from 22 August to 27 August 2019. It will gather over 1,500 competitors and over 3,000 experts.

Kazan Expo is the venue of the WorldSkills Kazan 2019, new world-class exhibition centre. A land plot of 74.8 hectares located near the Kazan International Airport has

been allocated for construction (the area of used land plot is 62 hectares). Not far from Kazan Expo there is the WorldSkills Village, where they will have a comfortable stay during the Competition. Also, guests can visit the Culture SkillsPark, where they will be introduced to the traditional crafts, arts and habits of the Russian people. The WorldSkills community will have unforgettable competitions and will visit the hospitable Kazan, which will give a lot of bright impressions and ensure comfort and safety.

Brand Book, marketing and communication programme, Competition website concept are developed. On 15 May 2017, official Competition mascots were presented during the V WorldSkills Russia final Opening Ceremony in Krasnodar. These are two young masters. They have traditional Tatar names — Almaz and Altyn. The names are translated as “diamond” and “gold”, thus symbolizing professional excellence. They represent youth, skill, intelligence and friendship. Almaz and Altyn are skilled specialists of the future!

The motto of the WorldSkills Kazan 2019 Competition – Skills for the Future. It expresses the main goal of WorldSkills – make our world a better place with the help of professional skills – and embodies the competition atmosphere.

WorldSkills Flag Relay

On 14-19 October 2017, a delegation of the Republic of Tatarstan visited the WorldSkills Competition in Abu Dhabi (UAE) in order to study the experience of delivering WorldSkills Competitions.

On 19 October as part of the WSAD2017 Closing Ceremony, a video presentation of Russia and Kazan was shown (*show the video*). The Deputy Prime Minister of the Russian Federation Olga Golodets delivered a welcoming speech on behalf of the Organizing Committee of the Competition. She expressed gratitude to all WSAD2017 organizers, and also invited everyone to the 45th WorldSkills Competition in Kazan in 2019.

The Closing Ceremony ended with the ceremony of the WorldSkills flag handover to the delegation of the Russian Federation. Ilсур Metshin, the Mayor of Kazan, received the WorldSkills flag from the WorldSkills Abu Dhabi 2017 President Mubarak Al Shamsi and WorldSkills Abu Dhabi 2017 Executive Director Ali Al Marzuki.

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Festival of Youth and Students, Medals Plaza in Sochi, the official celebration of the WorldSkills flag was held, where the WorldSkills Flag Relay project kicked off.

Next, the competition flag was sent to the International Space Station and returned to the Earth only on 27 February 2018. In March 2018, the relay continued around 21 countries, each of which has hosted a WorldSkills Competition, and visited 33 former host cities. After the international stage, the flag relay across the subjects of the Russian Federation will start, it is planned to involve all 85 subjects of the Russian Federation, as well as 43 municipal districts and 2 urban districts of the Republic of Tatarstan and deliver the flag to Kazan for the Competition Opening Ceremony.

Option 2.

Brief information.

1. Questions. Answers to 7-10 questions chosen by the teacher

Teacher:

- When will the 45th WorldSkills Competition be opened? (22 August 2019)
- When will the 45th WorldSkills Competition be closed? (27 August 2019)
- Name the mascots of the 45th WorldSkills Competition. (Almaz and Altyn)
- What is the motto of the WorldSkills Kazan 2019? Skills For The Future.
- How many skills will be presented at the 45th WorldSkills Competition? (more than 50 skills)
- Who are the participants of the Competition? (young professionals 17–22 years old)
- How often are WorldSkills Competitions held? (every 2 years)
- Where will the Competition be held? (Kazan Expo International Exhibition Centre)
- When was the first Competition organized? (1946)
- What is WorldSkills? (an international non-profit association aimed at raising profile of blue-collar jobs and improving professional training quality, standards, and qualification worldwide as well as promoting of blue-collar jobs through international contests)

- When was the decision made to hold the Competition in Kazan? (10 August 2015)
- Where did the 44th WorldSkills Competition take place in 2017? (Abu Dhabi, United Arab Emirates).

2. Teacher: Pictograms of skills will be shown on the screen (5–7 pictograms). You need to name them.

3. Teacher: Names of skills will be shown on the screen, you need to describe activities of people in these professions.

Discussion: Which tasks were easier to perform, which ones were more difficult?

Why so?

3. Minute of physical education

Team captains take turns making movements of people of different professions accompanied by music (for example, a driver turns the car wheel, a photographer takes pictures, etc.), team members repeat these movements and guess the profession.

4. Who are volunteers?

Teacher: Volunteering is a conscientious voluntary activity for the benefit of other people. Any person who works willfully and selflessly for the benefit of others can be called a volunteer. Volunteering is recognized at the highest international level.

2,200 volunteers from Russia and other countries will be involved in the WorldSkills Kazan 2019 for more than 20 functional areas. Have any of you ever been a volunteer? Tell us about your experience. (Students reply)

Why do you think a person may want to be a volunteer? (Learn to communicate, make many friends, improve English skills, get acquainted with foreigners and learn how they live in their countries, see new places, try themselves in adult life, etc.). For students, the most important thing in the volunteer work is that they can try to put their professional knowledge into practice. Volunteer work has many different areas, so everyone can find a task according to their abilities and interests. Also, such professional experience is highly appreciated by employers, which will be useful to you when seeking employment.

Specify which areas of volunteer work would suit you.

You can learn more about areas of volunteer work and how to become a volunteer on the www.worldskillskazan2019.com website. In order to enter the united volunteer team, you need to register and fill out an application. The application form

for candidates is available from 20 October 2017.

Do not miss your chance to see the WorldSkills Competition from the inside, become part of its history, and gain professional experience. Currently, this is one of the best ways of self-expression, self-development and self-improvement; moreover, you will be the most popular in our university (college), and maybe the whole world will know about you. Because the future is in your skills.

5. Discussion of the role of the Competition in the lives of the people of Tatarstan

Teacher: Consider the answer to the question “What can the WorldSkills Competition give me?” Write a mini-essay about the role you would like to play in the preparation and holding of the Competition.

Option 1. The task is performed individually.

Option 2. The task is performed in pairs or in groups.

Discussion: What do you need to do to become an active participant of the Competition?

Teacher: Why are professional skills competitions so important? (*students reply*).

- Preparation for the WorldSkills Competition, passing through qualifying rounds and participation in competitions is equivalent to 4-5 years of vocational training.
- Formation of character, confidence, diligence and improvement of self-esteem.
- Coordination and improvement of quality standards in the field of training of qualified specialists and educators.
- Benchmarking of compliance of the vocational education system with the requirements of industry, society and foreign standards.
- The competitive atmosphere makes the process of learning the skills and occupation more interesting and exciting.
- Understanding the fact that in order to perfectly master any skill, you need to devote a lot of time to practice.
- Improvement of quality, motivation for professional development and enhancement of vocational education.

6. Summary of the lesson

Teacher: So, today we are starting a new school year, which will culminate in the WorldSkills Competition. Many events dedicated to the WorldSkills Competition will be held this year, and I hope that you all will take an active part in them. Since the goal of WorldSkills is to make the world a better place with the help of professional skills, and its mission is to raise the profile of blue-collar jobs and create conditions for development of high professional standards.

6. Tasks and materials for use in the lesson

Physical education exercises for children of elementary school age.

Standing exercises

1. Raise arms up, take one leg back, take a breath; return to the start position (normal standing position – exhale). The same exercise with the other leg.
2. S. p. – legs at shoulder length, hands on the waist. 1–2 – spread elbows at the sides, contracting shoulder blades – inhale; 3–4 – start position – exhale.
3. Squat on toes with straight back (do not go down on heels). Spread knees to the sides, arms forward or at the sides on the count 1-2, on the count 3-4 slowly return to s. p.
4. S. p. – legs at shoulder length, hand on shoulders. Rotation of the shoulder joints backwards.
5. S. p. – legs at shoulder length, hand on shoulders. Incline body forward with straight back.
6. Windmill Connect hands behind the back (first the right hand, then the left hand on top).
7. S. p. – legs at shoulder length, hands at the sides. Rotation of arms backwards.
8. S. p. – arms along the body. Raise straight arms through the sides upwards – inhale, return to s. p. – exhale.
9. S. p. – legs at shoulder length, hands behind the back. Side bending of the body to the sides on the exhale.
10. Walking on a bench standing on the floor, or on the plank of a bench turned over. Hands at the sides, bag of sand on the head (weight varies depending on age and fitness).

Another examples of exercises that help avoid fatigue and recover strength during the lesson. They are rather simple and effective, they do not require special equipment, and therefore they can be done in the classroom during the minute of physical education.

Exercise to relieve fatigue from the body muscles

S. p. – stance, legs apart, hands on the waist. 1 – turn body to the right; 2 – turn body to the left. While turning the legs stand still. Repeat 4–6 times. Medium speed.

Exercise to mobilize attention

S. p. – standing, arms along the body. 1 – right hand on the waist; 2 – left hand on the waist; 3 – right hand on the shoulder; 4 – left hand on the shoulder; 5 – right hand up; 6 – left hand up; 7–8 – clap hands over the head; 9 – left hand on the shoulder; 10 – right hand on the shoulder; 11 – left hand on the waist; 12 – right hand on the waist; 13–14 – clap hips with hands. Repeat 4–6 times. Speed – 1 time slow; 2–3 times – medium; 3–4 – fast; 1–2 – slow.

Corrective exercises for the posture

1. Standing, heels in, toes out, shoulders aside, shoulder blades contracted, belly pulled in, chin raised.
2. Normal walking, while observing the posture.
3. Walking on toes, hands on the nape.
4. Walking on heels, hands on the waist.
5. Walking on the outside the foot, fingers tucked, hands on the waist, elbows to the back.

Exercises to improve brain circulation

S. p. – seated, hands on the waist. 1 – turn head to the right; 2 – s. p., 3 – turn head to the left; 4 – s. p.; 5 – tilt head forward, 6 – s. p. Repeat 4–6 times. Slow speed.

Exercise to relieve fatigue from the small muscles of the hand.

S. p. – seated, hands up. 1 – clench fists; 2 – unclench fists. Repeat 6–8 times, then lower relaxed arms down and shake hands. Medium speed.

Eye exercise

Over-fatigue or unusual stress on the eyes frequently cause headaches. This exercise is very simple and is designed to develop the habit of regular eye exercises.

Eyes open wide. Look all the way up, hold look for one second. Then turn the look all the way to the right, hold this position for one second. Next, turn the look all the way down, hold look for one second, and then all the way to the left, also holding for one second. Keep eyes wide open. Perform the exercise 10 times clockwise and 10 times counter-clockwise.

Eye exercise in verse

1. We are closing our eyes, this is a marvel. (Close both eyes)

2. Our eyes are resting, and performing exercises. (Continue to stand with eyes closed)

3. And now let's open them, build a bridge over the river. (Open eyes, draw a bridge with the look)

4. Let's draw a big letter Y on the bridge. (Draw the letter Y with the look)

5. Look up, look down. (Look up, look down)

6. Turn right, turn left. (Look right, look left)

7. Let's come back to the lesson. (Repeat exercise 3 times)

After the exercise, it is useful to remind pupils that right and proper illumination of the workplace is very important for eye care. Blinding light shall be avoided. It is useful to stop working several times per hour for a few seconds and give eyes a rest, that is cover them with hands so that they rest in complete dark.

Squatting exercise facilitates heart performance, reduces blood pressure. It is performed simply: squat freely (feet completely on the floor), relax as much as possible, keep arms and head in suspension. Sit in this position for one minute.

Fatigue recovery exercises proposed by I. Vasilieva allow to quickly recover after a hard work. They shall be performed at the first sign of fatigue.

1. Put palms together in front of chest, fingers up, do not breathe, squeeze base of palms with all force. Tense the muscles of shoulders and chest. Pull belly in and go up, as if leaning on hands and looking out of window. Just 10-15 minutes – and it is intense. Repeat 3 times.
2. Clench hands, brace nape, put elbows forward. Pull head to elbows, do not resist, stretch cervical spine. Pull steady, with a pleasant feeling, for 10–15 seconds.
3. Rub ears with hands – first, only lobes, and then the entire ear: up and down, back and forth. At the same time, clip clop with tongue like a horse (15–20 seconds).
4. Crow. Say “Ka-aa-aa-aar!” while trying to raise soft palate and uvula as high as possible (6 times). Then try to do it without noise, with mouth closed.
5. Ring. While forcing tongue tip back across palate, try to touch uvula with tongue. Try to do it without noise, with mouth closed. Easier, faster, faster! (10-15 seconds).
6. Lion. Reach chin with tongue. Even further! (Repeat 6 times).

Minute of physical education in verse

Cha, cha, cha

Our hands

Cha, cha, cha (3 claps on hips) Raise hands up,

The stove is very hot (4 jumps on two legs) And lower them.

Chi, chi, chi (3 claps over the head) Now turn them
And cuddle them.

Stove bake buns (4 squats) And then faster, faster

Chu, chu, chu (3 claps behind the back) Clap, clap with joy.

Riddles on the topic of professions

He is a very good master,
Made a closet for our hallway.
He is not a carpenter, not a painter.
He makes furniture (joiner)

During dark night, during clear day
He lays bricks in a row,
Building a kindergarten
Not a miner, not a driver,
(Builder) will build our house

Nails, axes, saw,
A whole mountain of chips.
This is a busy worker –
(Carpenter) makes stools for us

The bell has rung loudly
A lesson has started in the class.
Pupils and parents know –
(Teacher) will conduct the lesson

Teaches us courtesy,
Reads a story aloud.
Not a teacher, not a writer.
This is nanny,... (kindergartner)

Mother treats all animals –
Cat, dog and llama.
Is your friend sick? Call quickly,
Call mother.
Mother knows all the pills
For a hedgehog and a bird.
(Veterinarian)

Kindness, warmth of soul
Mother can spare.
Kids are waiting Mother –
Vasya, Masha, Galka,
Pasha, Senya and Marat –
All the kindergarten.
(Kindergartner).

You teach to read and count,
Grow flowers and catch butterflies,
Look at everything and remember everything
And love all native, love the motherland.
(Kindergartner)

Oh, what a shop have mother!
Such fragrant and sweet!
Mother adds sugar and walnut
To chocolates.

Here are order, cleanliness,
Not just job – a joy!
(Confectioner)

Mother can apply glass-cups,
Smear brushes and wounds.
Mother administers injections
For all boys and girls in our school.
With tenderness and kind word, mother
Helps to become healthy!
(Nurse)

This sorceress,
This artist,
Does not have brushes and paints,
But comb and scissors.
She has
A mysterious power:
Whoever she touches,
Becomes pretty.
(Hairdresser)

Mother makes hairstyles,
Cuts fringes.
She has hair dryers, scissors, combs
On her shelf.
(Hairdresser)

White hair, eyebrows, eyelashes.
He gets up earlier than birds.
(Baker)

Mother will cook soup
For kids from different groups,
Skillfully make cutlets
And cut vinaigrettes.
And with such a skillful mother
I am very satisfied!
(Cook)

Andrew has an older brother –
Soldier with great tenue.
He is in service, but moreover
Is armed with water and a hook.
He is on duty in cold and heat.
Tell me, who is he?
(Fire fighter)

In day and night
Father can urgently be called.
If something is in fire,
My father will come right away!

Recently he saved from fire
Many first grade pupils.
That's my dad!
He is very fearless!
(Lifeguard)

Among the clouds, at the height,
We are building a new house,
So that people happily live in it
In warmth and beauty.
(Builders)

Autumn, summer, winter,
Heat or snow –
Father can build houses
All the year round!
(Builder)

Chips fly over the machine,
Father knows equipment.
He will make pieces
Of wood and steel,
Even make toys
For me and Vanya.
(Turner)

Radiators do not heat
Or tap is leaking?
Quickly call the housing office,
Call my father!
He has tools,
He fixes everything immediately!
(Plumber)

I am the most learned in the school –
I am very lucky with my mother.
Children will learn from her
Everything in classroom.
They will get better and smarter,
More fair and kind.
(Teacher)

Who teaches kids
To read and to write,
To love the nature,
To respect elders?
(Teacher)

Mother grows roses,
Asters, cactuses, mimosas.
Not just work — wonderful garden!
I am very proud for mother! (Florist)

Games

Name a Profession

Goal: form the ability to form nouns from verbs, develop attention and dexterity.

Course of the game.

The teacher throws the ball to a child and calls the verb: “Teaches...” The child replies: “Teacher”.

Set of words: Teaches – teacher; builds – builder; loads – loader; guards – guard; pilots – pilot; dances – dancer; sings – singer; sells – seller, etc.

On the board, there can be pictures of people of these professions.

Tools of Trade

Goal: strengthen the ideas of children about tools and their use in labor processes; use of nouns in the dative case;

Course of the game

Pictures of tools are laid on the table upside down. Children take turns taking tools, calling them and telling what these tools can do.

Example: a child takes a picture with a picture of a shovel and says: “This is a shovel. You can dig with a shovel”.

The game can be conducted in the form of lotto. The lead takes a picture and describes actions that can be performed with this tool, and the children guess: “You can dig with this tool (shovel). You can surface boards with this tool (plane)”.

Which tools are required for working?

Goal: strengthen the ideas of children about tools and their use in labor processes; refine and expand knowledge of professions.

Course of the game

Children divide into two groups. At the teacher’s signal, they need to put the pictures of tools to the pictures of relevant professions. Then the children take turns explaining their choices. The team gets a token for each correct answer.

Correct errors of Neznayka (*Russian cartoon character, literally means ‘Know Nothing’*)

Goal: develop grammatical structure of speech; activate vocabulary; develop auditory attention, reasoning.

Course of the game

Neznayka visits the children. He tells that he was at a construction site and saw a lot of things. He starts to tell sentences. Children determine the error aurally and correct it.

Neznayka: Saw is used to drive nails.

Children: Hammer is used to drive nails.

Set of sentences: I use a brush to saw wood. I use a hammer to paint walls. Carpenter drives a car. Painter operates a crane. Dump truck lifts loads.

Ball game “Building a house”

Goal: strengthen the use of relative adjectives in the children’s speech; develop attention, dexterity.

Course of the game.

The teacher throws the ball to a child and says: “We build a house of bricks, what is the kind of house?” Child replies: “Brick house”

Set of words: stone house, plywood house, concrete foundation, plastic windows, wooden door, metal hinges, iron lock, etc.

Suggest a Word

Goal: develop logical thinking, attention, memory; learn to rhyme words.

Course of the game. Children suggest words completing a poem.

In the carpenter’s bag you will find a hammer and a sharp ... (knife). Any tool is in its place – a plane, and a ... (chisel).

Pilot flies (an airplane) in the sky.

(Shepherd boy) sent goats to a hill.

It is time to paint the rooms. We invited a (painter).

Circus artist can prance, and (train) animals and birds.

Every day brings us a newspaper. (postman).

In kids’ sight (painters) paint the roof.

I’m treating dolls early in the morning. Today I’m (nurse).

I would definitely want

To become a pilot,

I would (fly)

To Moscow in an aeroplane.

He is a very good master,

Made a closet for our hallway.

He is not a carpenter, not a painter.

He makes furniture. (woodworker)

He lays bricks in a row,

Building a kindergarten

Not a miner, not a driver,
(Builder) will build our house.
Nails, axes, saw,
A whole mountain of chips.
This is a busy worker –
(Carpenter) makes stools for us.

Ball game “Say Another Way”

Goal: improvement and activation of dictionary of synonyms.

Course of the game

The teacher calls a word and throws the ball to one of the children. The child who caught the ball shall propose a “friend word” to the named one, say this word and throw the ball back to the teacher. If the word is correct, the child takes a step forward. The winner is the child who first comes to the line on which the teacher is located.

Set of words: Work – (job, business); house – (building, place); road – (path, highway); worker – (laborer, employee); teacher – (pedagogue, instructor); large – (big, giant); to work – (to labor); physician – (doctor, healer); aviator – (pilot), sewer – (dressmaker).

Ball game “Just the Opposite”

Goal: improvement and activation of dictionary of antonyms.

Course of the game

The teacher calls words and throws the ball to one of the children. The child who caught the ball shall propose an “opposite word” to the named one, say this word and throw the ball back to the teacher.

Set of words: Dress – undress, raise – lower, throw – catch, hide – find, put – remove, arrive – leave, get in – get out, build – break, entrance – exit, turn on – turn off.

Ball game “Associations”

Goal: teach children to choose names of tools according to presentation.

Course of the game The teacher throws the ball to a child and calls a profession, the child calls a tool which may belong to a worker of this profession and throws the ball back.

Set of words: Janitor – shovel, seller – cash desk, doctor – phonendoscope, cook – pot, painter – brush, hairdresser – hairdryer, driver – steering wheel, plasterer – plane, artist – canvas ...

Guess who I want to be

Goal: develop auditory attention, thinking, coherent speech, refresh vocabulary on the topic of professions.

Course of the game

The teacher proposes the children to think about who they would like to be, describe their profession so that other children can guess it.

Example:

A child: I need the following tools: scissors, comb, razor, hair dryer.

Other children: You want to be a hairdresser.

Lost Tools

Goal: develop grammatical structure of speech, prepositional and case management.

The teacher proposes a situation as if all children in the room live in the same house and a neighbor (the teacher) needed some tools and he came to ask them from the children. But there are no tools.

Course of the game

The teacher throws the ball to a child and says: “I need scissors (hammer, nails)”.

The child responds: “There are no scissors (hammer, nails)”.

Explain It

Goal: develop grammatical structure of speech, word-formation: teach understanding and interpretation of difficult words.

Course of the game

The teacher offers the children to explain the original words which are used to form names of professions.

Set of words: fisherman, woodcutter, lumberman, fur breeder, horse breeder, vegetable grower, fruit grower, etc.

Town of Dwarfs

Goal: enhance the ability to form nouns using diminutives.

Course of the game

The teacher offers the children to imagine that they are in a town of dwarfs. And all objects there are very small. The teacher can compose a fairy tale, accompanying it with relevant pictures:

“Once upon a time, children in kindergarten were playing as wizards. And one boy remembered magic words from a fairy tale and said them, and all the children and the teacher suddenly entered a town of dwarfs. All the objects around them were so small that they could not be seen at a glance. The children and their teacher decided to walk around the town. They walked carefully, so as not to step on anything. Suddenly they saw a house that looked like Olya’s one. But it was not a house, but

a tiny (house). They came closer. Looked in the windows? No, they were not windows, but tiny (windows). Next to the house there was (show a picture) a little blue bench. The children decided to sit down on the bench and think about how to return to their big town. They thought and thought and became very hungry. And then they saw (show a picture) a little shop not far from the house.

Information about the WSI and WorldSkills Competitions.

WorldSkills International (WSI) is an international organization with the purpose of raising the profile of blue-collar jobs and improving professional training quality, standards, and qualification worldwide. Ever since its foundation, WorldSkills International has been providing expert knowledge and aid in developing and enforcing the highest global professional standards for blue-collar jobs in the industrial and service sectors.

WSI dedicates most of its efforts to delivering WorldSkills Competitions in various countries around the globe, thus giving young professionals a chance to express themselves and showcase their skills. Every 2 years, WorldSkills International holds a world competition in professional skills. Since the first competition in 1946, the number of participants has increased from 24 competitors from 2 countries to more than 1.5 thousand competitors. Today, WSI movement combines 78 countries. WorldSkills competitions around the world are attended by thousands of high school students, which makes the movement a powerful mechanism of vocational guidance for young people. These competitions are also called Skills Olympics. Currently WorldSkills is the world's largest competition in professional skills.

WorldSkills Competition

Over its 70-year history, WorldSkills International has become a symbol of the top excellence in professional training. Every two years, hundreds of young skilled people from all over the world, accompanied by their teachers and instructors, gather to compete in professional excellence and check compliance of their skills with international standards. Each team is selected based on the results of regional and national competitions, which are currently held in 80 countries and regions of the world.

Specific features of the World Competitions:

- periodicity: every two years
- 1,500 participants;
- about 50 skills (professions) as of 2017
- young professionals under 22 years of age
- 200,000 spectators attend the Competition during its time, including about 50% of schoolchildren;
- 5,000 competitors and experts from around the world attending the Congress part of the Competition

From 2 July to 7 July 2013, the 42nd WorldSkills Competition was held in Leipzig in 2013. 1,009 competitors from 52 countries around the world took part in the competition in 46 skills. The Competition was officiated by 1,170 experts. 9 skills

were featured in a presentation format. The overall number of the visitors was more than 240,000 people, with over 1,000 accredited mass media representatives.

From 12 August to 15 August 2015, the 43rd WorldSkills Competition was held in Sao Paolo in 2015. 1,189 competitors from 59 countries around the world took part in the competition in 50 skills. 4 skills were featured in a presentation format. The overall number of the visitors was more than 259,000 people, with over 1,100 accredited mass media representatives.

From 14 October to 19 October 2017, the 44th WorldSkills Competition was held in Abu Dhabi in 2017. 58 countries took part in the competition in 52 skills.

WorldSkills Kazan 2019 Competition will be held from 22 August to 27 August 2019. It will feature 56 skills, as well as more than 1,600 competitors and more than 1,500 experts.

REFERENCE INFORMATION
about autonomous non-profit organization
“Centre for the Development of Professional Skills”

The autonomous non-profit organization “Centre for the Development of Professional Skills” (hereinafter referred to as the Centre for the Development of Professional Skills) was established in accordance with the Decree of the Cabinet of Ministers of the Republic of Tatarstan No. 730 “On the establishment of the autonomous non-profit organization “Centre for the Development of Professional Skills” dated 8 October 2016.

The powers and functions of the founder of the Centre for the Development of Professional Skills are performed by the Ministry of Education and Science of the Republic of Tatarstan.

The highest collective regulatory body of the Centre for the Development of Professional Skills is the Supervisory Board, the composition of which is approved by the Decree of the Cabinet of Ministers of the Republic of Tatarstan No. 2460-r dated 26 October 2016. The aforementioned Supervisory Board includes: Deputy Prime Minister of the Republic of Tatarstan, Chief of Staff of the Cabinet of Ministers of the Republic of Tatarstan Sh.Kh. Gafarov, as well as other representatives of the republican departments and organizations.

The Centre for the Development of Professional Skills was established to develop the “Young Professionals” (WorldSkills Russia) movement in the Republic of Tatarstan, introduce WorldSkills standards into the educational practice of vocational education organizations of the Republic of Tatarstan, prepare competitors from the Republic of Tatarstan for WorldSkills Competitions of various levels, create and develop professional communities in the Republic of Tatarstan, organize various events in accordance with the WorldSkills standards.

The Centre for the Development of Professional Skills performs the following main activities:

- preparation and delivering of professional skills competitions, including creation of standards and regulations for holding professional skills competitions in accordance with WorldSkills standards;
- formation, preparation and organization of participation of the Republican team in Russian and international WorldSkills competitions;
- formation and development of the expert community through creating a national register of experts and interacting with Russian and foreign expert communities;
- formation and development of a network of specialized skill centres in the Republic of Tatarstan;

- development of a system of professional self-regulation for citizens participating in the educational and economic processes of the Russian Federation;
- raising profile and image of blue-collar job, motivation of young people to continue vocational education and raise qualification level to achieve career and personal growth;
- promotion of professional skills improvement, development of skills, professional standards and state educational standards in the Russian Federation and the Republic of Tatarstan;
- facilitation of strengthening and developing relations with Russian and foreign organizations engaged in educational activities;
- organization and participation in local, foreign and international presentations, conferences, seminars, symposia, round tables, exhibitions, forums, professional skills competitions, academic competitions and other public events that meet the activity goals.

In accordance with the agreement on associate partnership (membership) No. 92/RT-WSR dated 29 March 2017, the Centre for the Development of Professional Skills is the regional coordination centre of the “Young Professionals (WorldSkills Russia)” Union in the Republic of Tatarstan.

At the end of 2016, by order of the republican leadership together with the Ministry of Education and Science of the Republic of Tatarstan and other interested ministries and departments, the concept of implementation of WorldSkills standards in the educational practices of vocational education organizations and preparation of the Tatarstan national team to participate in WorldSkills Competition was developed and launched.

This concept was approved by the President of the Republic of Tatarstan, R.N. Minnikhanov. There are 4 main areas in the concept:

- selection of “basic” professions;
- formation of the republican team;
- selection and training of experts;
- creation, in accordance with international standards, of infrastructure for training of republican team members.

The main goal in the implementation of this concept was to solve the tasks set to improve the vocational education system in accordance with international standards, and to provide quality specialists to the economy of the Republic of Tatarstan.

In 2017, the Centre for the Development of Professional Skills was the main operator of the regional competition “Young Professionals (WorldSkills Russia) 2016/2017”, which was the qualifying competition for the right to participate in the Fifth Finals of the National Competition “Young Professionals” (WorldSkills Russia) in the skill

sector “Information and Communication Technology”, as well as the first world competition among people hard of hearing DeafSkills.

In the new competition cycle “Young Professionals (WorldSkills Russia) 2017/2018”, the Centre for the Development of Professional Skills acts as the organizer of the regional competition, as well as a co-organizer of the republican stage of the professional skills competition among people with disabilities and (or) limited capacities “Abilympics” and the first information technology competition “DigitalSkills”.

Summary of information on the progress of preparation for the WorldSkills Kazan 2019.

On 10 August 2015, at the WorldSkills General Assembly in San Paulo (Brazil), Russia won the right to host the WorldSkills Competition in 2019 (hereinafter, Competition).

The Organizing Committee, responsible for the preparation of the WorldSkills Kazan 2019 and headed by T.A. Golikova, Deputy Prime Minister of the Russian Federation, was created by the Russian Government's Decree No. 2429-r dated 27 November 2015 (as amended by the Order of the Government of the Russian Federation No. 1726-r dated 18 August 2018).

Interdepartmental plan of actions for preparation and staging of the Competition was approved by the Decree No 318-p of the Cabinet of Ministers of the Republic of Tatarstan dated 1 March 2016. The Republican Organizing Committee for the preparation and staging of the Competition was formed by the Decree No. 2442-p of the Cabinet of Ministers of the Republic of Tatarstan dated 26 March 2016.

A meeting of the WSI Board of Directors was held in Kazan on March 7-11, 2016, presided by the WSI President, Simon Bartley. The project session dedicated to the preparation for the Competition with the involvement of the WSI Secretariat was on 7-16 March 2016.

On 10 March 2016, Memorandum of Understanding, which reflects the key principles of interaction between WSI and the Competition Organizers, sets out guarantees from the bidding book of the Russian Federation for the right to hold the Competition, was signed at the Kazan Kremlin with the participation of Olga Golodets, Deputy Prime Minister of the Russian Federation.

Preparation for the Competition is being performed in accordance with WSI requirements to provide quality services to all client groups and attract the maximum number of spectators.

A programme is being developed for the preparation of urban infrastructure facilities and for municipal improvement of Kazan for the Competition, which includes road infrastructure, public places, accommodation and catering including for visitors and pupils from all regions of Russia.

The primary contractor, GKU “Main Investment and Construction Department of the Republic of Tatarstan” – PSO Kazan LLC performs construction of the Kazan Expo international exhibition centre, this centre will become the main Competition venue. A land plot of 74.8 hectares located near the Kazan International Airport has been allocated for construction (the area of used land plot is 62 hectares).

In cooperation with WSI, a plan schedule for the preparation and holding of the Competition, registers of services and functional areas, and a directory of client groups of the Competition were developed and approved.

Following the analysis of WSI guidelines on the organization and holding of the Competition, regulatory documents, archives of previous competitions, an automated information system for managing the Competition is being implemented, strategic and tactical plans for the preparation and holding of the Competition and operational plans for functional areas are being developed.

A comprehensive study of infrastructure list of the Competition and specifics of delivery of equipment and consumables to the territory of the Russian Federation for the period of preparation and holding of the Competition is being conducted.

A database of potential sponsors and suppliers of the Competition was created, works on their attraction are being performed. Partnership agreements were signed between the Competition organizers and one of Russia's largest mining and metallurgical holdings Metallinoinvest, as well as Coca-Cola Russia and Rosatom National Corporation.

Brand Book, marketing and communication programme, Competition website concept are developed. All-Russia contest for the Competition mascots creation was held. On 15 May 2017, official Competition mascots were presented during the V WorldSkills Russia Final Opening Ceremony in Krasnodar. These mascots are Altyn and Almaz.

In order to promote the Competition, an exhibition and presentation activities are being performed, a "Competition Ambassadors" programme is being implemented to promote the Competition and to increase popularity of blue-collar jobs. The Competition Ambassadors are famous restaurateur, cook, TV presenter and businessman Arkady Novikov; founder of LavkaLavka farm cooperative Boris Akimov; Russian race car driver, seven time winner of Dakar Rally, head of the KAMAZ-Master racing team Vladimir Chagin; Soviet and Russian aviation athlete and cosmonaut, Hero of the Soviet Union and the first Hero of the Russian Federation Sergey Krikalev; Russian rapper, artist of Black Star label L'One.

A programme of involvement and training of Competition volunteers has been developed and approved. Volunteer training centres will be organized in more than 30 large industrial cities of Russia. Start of the volunteer application campaign is September 2017.

On 20-25 August 2017, a project session with the participation of the WSI Secretariat was held in Kazan. The relevant issues in preparation for the Competition were considered, Kazan Expo IEC was presented and an excursion to the construction site of the venue was conducted.

On 14-19 October 2017, a delegation of the Republic of Tatarstan visited the WorldSkills Competition in Abu Dhabi (UAE) (hereinafter, WSAD2017) in order to study the experience of delivering WorldSkills Competitions.

WorldSkills is an international non-commercial movement aimed at raising the profile of blue-collar jobs and developing vocational education by means of staging professional skills competitions in each particular country and all over the world.

WorldSkills Competitions are held every two years in one of 80 countries and regions of WorldSkills International in more than 50 skills.

WorldSkills International provides expert knowledge and aid in developing and enforcing the highest global professional standards for blue-collar jobs in the industrial and service sectors.

WSI vision: Improving our world with the power of skills.

WSI mission: to raise the profile and recognition of skilled people, and show how important skills are in achieving economic growth and personal success.

The WSI lines of activity are:

- promotion of jobs
- career building
- education and professional training
- international cooperation
- research of professional skills
- organization of WorldSkills Competitions, the largest professional skill competitions.

The WSAD2017 Competition, which was held from 15 October to 18 October 2017 in 52 skills (49 main skills, 3 demonstration skills), featured about 1,300 competitors from 59 countries and regions.

Skills of WorldSkills Abu Dhabi 2017 Official skills

No.	Skill name in English	Skill name in Russian	Number of competitors
Промышленное производство (Manufacturing and Engineering Technology)			277
4	Mechatronics	Мехатроника	37
10	Welding	Сварочные технологии	33
23	Mobile Robotics	Мобильная робототехника	27

5	Mechanical Engineering CAD	Инженерный дизайн CAD (САПР)	25
16	Electronics	Электроника	23
7	CNC Milling	Фрезерные работы на станках с ЧПУ	22
19	Industrial Control	Промышленная автоматика	21
6	CNC Turning	Токарные работы на станках с ЧПУ	20
42	Construction Metal Work	Металлические конструкции	13
1	Polymechanics and Automation	Полимеханика и автоматика	12
48	Industrial Mechanic Millwright	Ремонт и наладка промышленного оборудования	12
3	Manufacturing Team Challenge	Командная работа на производстве	11
45	Prototype Modelling	Прототипирование	11
43	Plastic Die Engineering	Изготовление полимерных материалов	10
Сфера услуг (Social and Personal Services)			195
34	Cooking	Поварское дело	42
35	Restaurant Service	Ресторанный сервис	37
29	Hairdressing	Парикмахерское искусство	33
32	Pâtisserie and Confectionery	Кондитерское дело	28
30	Beauty Therapy	Прикладная эстетика	22
47	Bakery	Хлебопечение	17
41	Health and Social Care	Медицинский и социальный уход	16
Обслуживание гражданского транспорта (Transport and Logistics)			116
33	Automobile Technology	Ремонт и обслуживание легковых автомобилей	37
36	Car Painting	Автопокраска	26
13	Autobody Repair	Кузовной ремонт	21
14	Aircraft Maintenance	Обслуживание авиационной техники	16
49	Heavy Vehicle Maintenance	Обслуживание грузовой техники	16
Строительная сфера (Construction and Building Technology)			313
18	Electrical Installations	Электромонтаж	36

20	Bricklaying	Кирпичная кладка	32
15	Plumbing and Heating	Сантехника и отопление	29
24	Cabinetmaking	Производство мебели	29
12	Wall and Floor Tiling	Облицовка плиткой	26
25	Joinery	Столярное дело	26
37	Landscape Gardening	Ландшафтный дизайн	24
38	Refrigeration and Air Conditioning	Холодильная техника и системы кондиционирования	24
22	Painting and Decorating	Малярные и декоративные работы	23
26	Carpentry	Плотницкое дело	20
21	Plastering and Drywall Systems	Сухое строительство и штукатурные работы	19
46	Concrete Construction Work	Бетонные строительные работы	14
8	Architectural Stonemasonry	Камнетёсное дело	11
Творчество и дизайн (Creative Arts and Fashion)			102
31	Fashion Technology	Технологии моды	30
40	Graphic Design Technology	Графический дизайн	23
28	Floristry	Флористика	20
27	Jewellery	Ювелирное дело	16
44	Visual Merchandising	Оформление витрин	13
Информационные и коммуникационные технологии (Information and Communication Technology)			118
17	Web Design and Development	Веб-дизайн	35
39	IT Network Systems Administration	Сетевое и системное администрирование	30
9	IT Software Solutions for Business	Программные решения для бизнеса	26
2	Information Network Cabling	Информационные кабельные сети	16
11	Print Media Technology	Печатные технологии в прессе	11

Demonstration Skills

No.	Skill name in English	Skill name in Russian	Number of participants
D1	3D Digital Game Art	3D моделирование компьютерных игр	8
D2	Freight Forwarding	Экспедирование грузов	4

ES01	Water Technology	Водные технологии (акватроника)	5
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On 19 October, as part of the WSAD2017 Closing Ceremony, a video presentation of Russia and Kazan was shown. The Deputy Prime Minister of the Russian Federation Olga Golodets delivered a welcoming speech on behalf of the Organizing Committee of the Competition and expressed gratitude to all WSAD2017 organizers, and also invited everyone to the 45th WorldSkills Competition in 2019 in Kazan.

The Competition ended with the ceremony of the WorldSkills flag handover to the delegation of the Russian Federation. I. R. Metshin, the Mayor of Kazan, received the WorldSkills flag from the WorldSkills Abu Dhabi 2017 President Mubarak Al Shamsi and WorldSkills Abu Dhabi 2017 Executive Director Ali Al Marzuki. The Deputy Prime Minister of the Russian Federation Olga Golodets, the President of the Republic of Tatarstan and the Deputy Chairman of the Organizing Committee R. N. Minnikhanov, as well as members of the Organizing Committee: the Director General of the “Young Professionals (WorldSkills Russia) Union” R. N. Urazov, the Director General of Rosatom National Corporation A. E. Likhachev participated in the ceremony.

On 20 October, the WorldSkills flag came to Sochi, Russia. The flag was delivered by Konstantin Larin, the gold medal winner in the WSAD2017 Web Design category. Konstantin was also named The Best of Nation. This title is awarded to the team member that has the most points.

The official flag reception was organized on the territory of Sochi airport. On 21 October, as part of events planned on the central stage of the nineteenth World Festival of Youth and Students, Medals Plaza, the official celebration of the WorldSkills flag was held, where the WorldSkills Flag Relay project was started.

WorldSkills flag relay Flag Relay is one of the most significant events organized as part of the WorldSkills Kazan 2019. Its goal is to unite and consolidate the working professions present prior to Competition, and demonstrate the importance of skills to economic growth and personal success.

On 17 December, the WorldSkills flag was sent to the International Space Station, only returning to Earth on 27 February 2017. Further, the international, all-Russian and republican stages of the Project are planned, the final point will be the Opening Ceremony of the Competition.

On 20 October 20 in Sochi, volunteer application campaign for WorldSkills Kazan 2019 started.

The start of the WorldSkills Kazan 2019 volunteer application campaign was organized in Sochi as part of the nineteenth World Festival of Youth and Students,

where about 5,000 non-resident volunteers (from 85 constituent entities of the Russian Federation) and foreign volunteers and leaders worked.

Now, using the special volunteer section on the official Competition website www.worldskillskazan2019.com, anyone can submit a volunteer application for WorldSkills Kazan 2019.

On 3-10 December, a WorldSkills debriefing “From Abu Dhabi to Kazan” was staged to transfer the Competition delivering experience from the WSAD2017 Competition Organizer to WorldSkills Kazan 2019 Competition Organizer, also a project session was conducted in which the WSI Secretariat was provided with concepts of services, main issues regarding the preparation for the Competition were reviewed, and the visits of the WSI Secretariat to Kazan in 2018 were established.

On 12 March 2018, in Madrid (Spain), the international stage of the WS Flag Relay project started at the Virgen de la Paloma Institute of Secondary Education, where the first WS World Competition was held. Next, the WS Flag Relay continued its journey in 20 countries that have hosted WorldSkills competitions.

On 8 August 8 as part of the Opening Ceremony of the final of the sixth “Young Professionals” (WorldSkills Russia) National Competition in Yuzhno-Sakhalinsk, the Russian stage of WorldSkills flag relay was kicked off. Within the framework of the competition cycle 2018/2019, the flag will visit regional competition in constituent entities of the Russian Federation.

In July 2019, the WS Flag Relay will be take place in 43 municipal districts and two urban districts of the Republic of Tatarstan.

The Competition Opening Ceremony will become the final point of the WS Flag Relay on 22 August 2019 in Kazan.

In order to fulfil the requirements of WorldSkills International, it is planned to hold a Competition Preparation Week (CPW) from 22 to 25 January 2019.

Skills that can be obtained in the Republic of Tatarstan, and the relevant educational institutions

GAPOU* Kazan Energy College

Power stations, networks and systems

- Electrician technician

Electrician for repair and maintenance of electrical equipment

Power supply

- Technician

Relay protection and automation of electric power systems

- Electrician technician

Thermal stations

- Heating technician

GAPOU Leninogorsk Polytechnic College

- Welding industry
- Economics and Accounting (by industry)
- Construction and operation of buildings and structures
- Technology of catering products
- Technical operation and maintenance of electrical and electromechanical equipment
- Programming in computer systems

GAPOU Kazan Pedagogical College

- Teaching in elementary school
- Preschool education
- Adaptive physical education
- Applied informatics

GAPOU Menzelinsk Pedagogical College

- Teaching in elementary school
- Technology (technical and maintenance works)
- Foreign language (English, German)
- Native language and literature (Tatar)
- Social pedagogics

GAPOU Kazan Aviation and Technical College n.a. P.V. Dementiev

- Manufacturing engineering
- Production of aircrafts
- Production of aircraft engines
- Automation of technological processes and production (by industry)
- Information systems (by industry)

- Computer networks
- Technical operation of electrical and electromechanical equipment

GAPOU Kazan Motor Transport College n.a. A.P. Obydenov

- Organization of transport and transport management (by type)
- Maintenance and repair of motor vehicles
- Technical operation of weight-handling construction, road vehicles and equipment (by industry)
 - Operation of transport electrical equipment and automation (by types of transport except water transport)
 - Construction and operation of motor roads and airfields
 - Programming in computer systems
 - Power supply (by industry)
 - Car mechanic
 - Locomotive driver

GAPOU Leninogorsk Oil College

- Economics and accounting (by industry)
- Geophysical methods in mineral exploration
- Drilling of oil and gas wells
- Construction and operation of oil and gas pipelines and storage facilities
- Development and operation of oil and gas fields
- Technical operation and maintenance of electrical and electromechanical equipment (by industry)
 - Installation and maintenance of industrial equipment (by industry)
 - Automated control systems
 - Information systems (by industry)

GAPOU Mamadysh Professional College

- tractor driver in agricultural production
- cook, confectioner
- master in general construction works
- master in finishing construction works
- electrician for repair and maintenance of electrical equipment
- car mechanic
- welder

GAPOU Nizhnekamsk Industrial College

- Hotel service
- Hairdressing
- Applied informatics (by industry)
- Advertising
- Manufacturing engineering

- Technology of production and processing of plastics and elastomers
- Tourism
- Laboratory assistant for physical and mechanical testing
- Master of digital information processing
- Assembler of electronic equipment and instruments
- Operator in tire production
- Mechanic for control and measuring instruments and automation
- General lath operator
- Electrician for repair and maintenance of electrical equipment

GAPOU SPO Kama State Automotive College

- Manufacturing engineering
- Vehicle and tractor construction
- Maintenance and repair of motor vehicles
- Installation, maintenance and operation of electrical equipment of industrial and civil buildings
 - Installation and maintenance of industrial equipment
 - Economics and accounting
 - Insurance industry
 - Banking industry
 - Cast production of ferrous and non-ferrous metals
 - Programming in computer systems
 - Technical operation and maintenance of electrical and electromechanical equipment
 - Welding industry

GAOU Yelabuga Polytechnic College**

- master in general construction works
- electric and gas welder
- electrician for repair and maintenance of electrical equipment
- car mechanic
- multiskilled machine tool operator
- CNC-machine operator
- tailor
- cook

GAOU SPO College of Petroleum Chemistry and Refining

- Unit operator for production of inorganic substances
- Mechanic for control and measuring instruments and automation
 - Mechanic for process pumps and compressors
 - Refinery operator

- Mechanic
- Welder (electric welding and gas welding)
- Welder (manual and partially mechanized welding (overlay welding))
 - Unit operator for production of inorganic substances
 - Mechanic for control and measuring instruments and automation
 - Mechanic for process pumps and compressors
 - General lath operator
 - Chemist-technologist for organic chemicals
 - Automation of technological processes and production (by industry)
 - Mechanic for process pumps and compressors
 - Laboratory analyst
 - Welder (electric welding and gas welding)
 - Cook, confectioner
 - Electrician for repair and maintenance of electrical equipment (by industry)

GAOU SPO Sarmanovo Agrarian College

- plasterer-painter
- driver-electrician
- cook-confectioner
- accountant
- kindergartner
- car mechanic
- veterinarian

GAOU SPO Arsk Pedagogical College

- Teaching in elementary school
- Preschool education
- Physical education
- Music education
- Programming in computer systems

*State Autonomous Professional Education Institution

** State Autonomous Education Institution

Places where you can get acquainted with the skills

Here you can get acquainted with different jobs starting from preschool age.

<p>Zarnitsa Children’s Centre (Kazan)</p>	<p>A unique multi-format complex, which provides developmental services for children aged from 5 to 14.</p> <p>The Zarnitsa Children’s Centre focuses on socially significant activities: military and patriotic, sports and technical, promotion of healthy lifestyle values, improving the children safety level, and engagement of children in creative activities, active design and research works</p>
<p>LaboratoriUm! Park (Kazan)</p>	<p>Entertainment and informative family centre allowing to enter the extraordinary world of science and understand the origin of various phenomena of the surrounding world. You can get acquainted with professions of the chemist, physicist and others!</p> <p>For both adults and children! PLAY, LEARN, CREATE, EXPERIMENT!</p> <p>In the Park:</p> <p>Museum of entertaining science</p> <p>Fascinating world of experiments and tactile physics. All exhibit items are interactive.</p> <p>Small planetarium</p> <p>The world of outer space in a full-dome cinema hall, creating the full effect of presence. Different programs for different levels of astronomy comprehension. Familiarization with the profession of astronomer. Sessions every 30 minutes.</p> <p>Science shows of Mad Professor Nicolas Fun animated program and an illustrative lesson.</p>

	<p>Scientific shows are interactive, and all those present are active participants in the scientific action.</p> <p>Master classes from Positron What could be more exciting than studying science through experiments with Positron, the master of science?</p> <p>FANTASY Creative Workshop An experienced teacher will assist in developing child's creative abilities during a lesson. The activities include drawing, coloring of figures, quilling, miniaturism, stained glass... Familiarization with the profession of painter, etc.</p> <p>Creative laboratory The main goal of classes in the creative laboratory is the development of special creative abilities, allowing to find unusual solutions to tasks. You will experience interesting activities, fun topics, pleasant pastime, creative atmosphere and creative presenter.</p>
<p>House of entertaining science and technology</p>	<p>Museum: aviation and astronautics, science and technology. Adults and children will learn about famous pilots, astronauts, scientists, etc.</p>
<p>KidSpace (Kazan)</p>	<p>In KidSpace, you can learn about all professions are open (each profession for different age group). There is a lot of interesting knowledge, unexpected discoveries, scientific and educational tasks. More than 50 professions!</p>

Venues of the WorldSkills Kazan 2019

Kazan Expo International Exhibition Centre

WorldSkills Village

Kazan Arena

Central Stadium

Competition Ambassadors

Arkady Novikov	famous restaurateur, cook, TV presenter and businessman
Boris Akimov	founder of LavkaLavka farm cooperative
Vladimir Chagin	Russian race car driver, seven time winner of Dakar Rally, head of the KAMAZ-Master racing team
Sergey Krikalev	Soviet and Russian aviation athlete and cosmonaut, Hero of the Soviet Union and the first Hero of the Russian Federation
L'One	Russian rapper, artist of Black Star label

Volunteers

Since November 2016, an information campaign has been implemented to promote the 45th WorldSkills Competition in Kazan and its volunteer programme (total coverage of 147,602 people; more than 317 information events and activities were held).

One of the key tasks that was successfully implemented in 2017 was the appointment of resource centres for volunteer recruiting. In September 2017, a Regulation on holding an open All-Russian Contest to select a volunteer resource centre for the 45th WorldSkills Competition in Kazan (hereinafter, the Contest) was developed and agreed with the Competition Organizer. The Contest consisted of the distance stage (applications for participation in the Contest from regional volunteer centres; information campaign of the Competition in regions of the Russian Federation – September-November 2017) and the in-presence stage (project review within the framework of the all-Russian educational camp “Volunteers Academy-2017” in Kazan, December 2017). The result of the Contest was the formation of a pool of partner centres for the implementation of the Competition volunteer programme in 15 regions of the Russian Federation:

- Volunteer Centre “New Step” of Astrakhan State University (ASU) – Astrakhan Region;
- Volunteer Centre of Moscow Polytechnic University – Moscow;
- Regional public organization “Irkutsk Regional Volunteer Center” – Irkutsk region;
- Centre for the engagement of volunteers “Polytechnic” of Kuban State Technological University – Krasnodar Territory;
- Regional autonomous state institution Youth Initiatives Centre “Forum” – Krasnoyarsk Territory;
- State budgetary institution of the Novosibirsk region “House of Youth” – Novosibirsk region;
- Youth public organization of Primorski Krai “Volunteer of Primorski Krai” – Primorski Krai;
- Karelian regional youth public organization “Centre for the Development of Volunteering” – the Republic of Karelia;
- Institute of Computer Technologies and Information Security, Southern Federal University – Rostov Region;

- Regional public organization “Volunteer Centre of the Sverdlovsk Region” – Sverdlovsk Region;
- Pyatigorsk State University – Stavropol Territory;
- Izhevsk State Technical University n.a. M.T. Kalashnikov – the Udmurt Republic;
- Regional state autonomous institution “Regional Centre for Youth Initiatives” – Khabarovsk Territory;
- Autonomous non-profit organization “Association of Volunteers of the Southern Urals” – Chelyabinsk region;
- Budgetary supplementary education institution of the Chuvash Republic “Centre for Youth Initiatives” of the Ministry of Education and Youth Policy of the Chuvash Republic – the Chuvash Republic.

In December 2017, a tactical operational plan for regional resource centres of the Competition volunteer programme was also developed.

On 20 October 2017, as part of the World Festival of Youth and Students in Sochi, the volunteer application campaign for the WorldSkills Kazan 2019 started. Currently, 3,836 volunteer applications have been received from the Russian Federation and other countries of the world.