



worldskills
Russia

EDUCATIONAL PROGRAMS
MOSCOW STATE
EDUCATIONAL COMPLEX

MSEC

Moscow state
educational complex

PROGRESS MSEC



In 2017 and 2018 years MSEC entered the list of 100 best educational organizations in Russia in the movement «Young professionals WorldSkills Russia .»



In 2019, MSEC became the **Specialized Competence Center** of the national level in «Polymechanics and Automation»; «Industrial Robotics», «Graphic Design», «Industrial Design», «CNC Milling»



In the last 2 years MSEC took part in **26 championships** of the international, continental, national and regional levels and received **160 medals**.

**7-17
years**

FOR SCHOOLCHILDREN (1-11 GRADE)

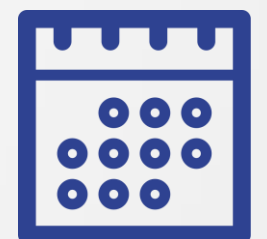


Profiles

- MEDICAL CLASS
- AEROSPACE CLASS
- HUMANITARIAN CLASS
- TECHNOLOGICAL CLASS
- UNIVERSAL CLASS
- SOCIO-ECONOMIC CLASS

Summer educational program in Center «Orlenok»
- the Special Technological Squads

21 days intensive immersion in competence



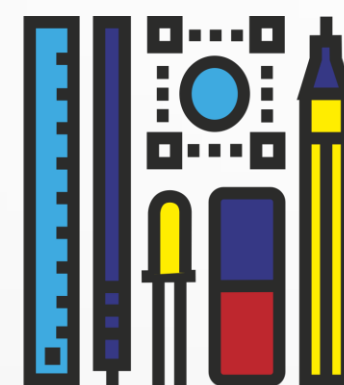
Pass demonstration exams



Receipt of the Skills passports



PARTNERS OF SESSION 2019











**ПРОФИЛЬНЫЕ
ТЕХНООТРЯДЫ**

16+
years

FOR COLLEGE STUDENTS



TOP 50 professions in the labor market

-  Machine software tool operator;
-  Graphic Designer;
-  IT Network Systems Administration;
-  Information systems and programming;
-  Information security of telecommunication systems;
-  Radio communications, broadcasting and television;
-  Installation, maintenance and repair of biotechnological and medical devices and systems;
-  Additive technology;

-  Mechatronics and mobile robotics (by industry);
-  Technical operation and maintenance of robotic production;
-  Metalworking Technology;
-  Polymer composites Technology;
-  Operation of unmanned aircraft systems;
-  Installation, maintenance and repair electronic devices;
-  Pharmacy;
-  Advertising.

6-18
years

ADDITIONAL EDUCATIONAL PROGRAMS



Directions

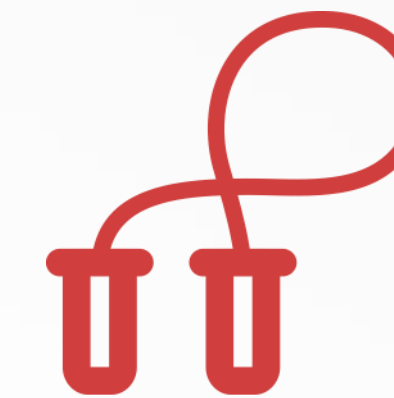
Programs of continuing education are being implemented in the areas of:



Social



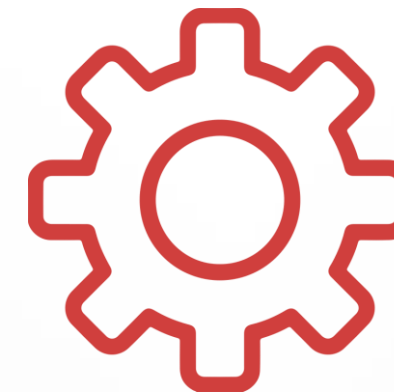
Tourist And Local History



Sporty



Artistic



Technical



Natural

Over **200** continuing education courses. The total enrollment of students at the Moscow State Educational Complex is **97%**, Technical and natural-scientific directions are chosen by **71%** of students.




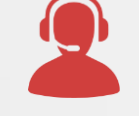




















14+
years

FURTHER PROFESSIONAL EDUCATION



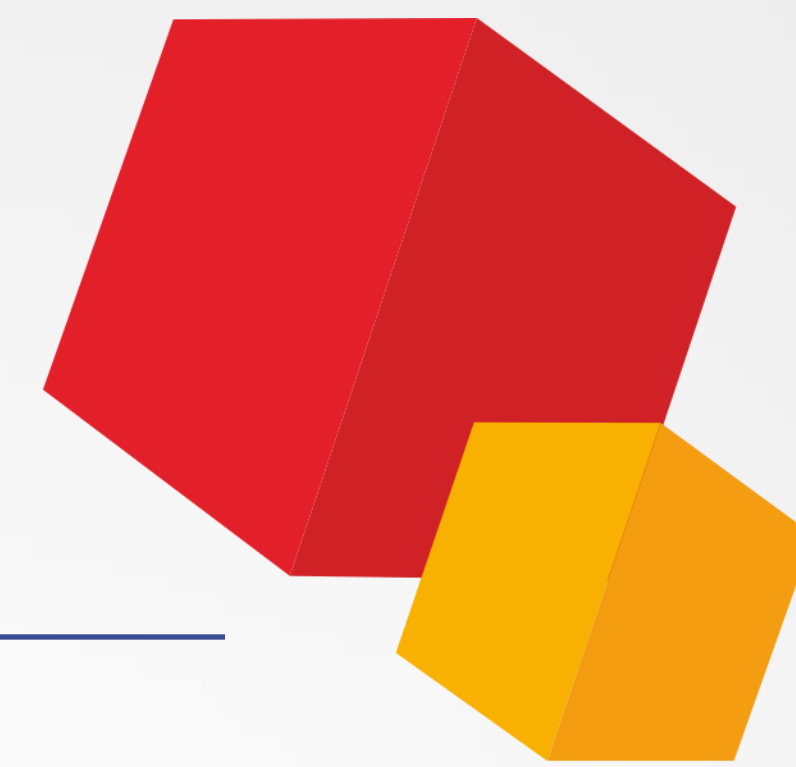
More than 50 programs FPE

As a part of project «Vocational training without limits» for schoolchildren 14-18 years - programs:




















-  Purchasing Agent
-  Surveyor for topographic, geodetic and surveying works
-  Chemical Analysis Assistant
-  Service provider
-  Operator of electronic computers
-  Executive Secretary
-  Educational department Secretary
-  Court clerk
-  Locksmith
-  Machine tool operator
-  Lathe operator
-  Draftsman
-  Machine tools and manipulators programmer
-  Pharmacist
-  Metal models modeler
-  Plaster model designer
-  Industrial Design Technology
-  Electrical machines and apparatus assembler
-  Electronic products assembler
-  Artist of design work
-  UAV Operation
-  Aviation technician for glider and engines
-  Aviation mechanic for instruments and electrical equipment
-  Laser operator

51-60
years

FURTHER PROFESSIONAL EDUCATION

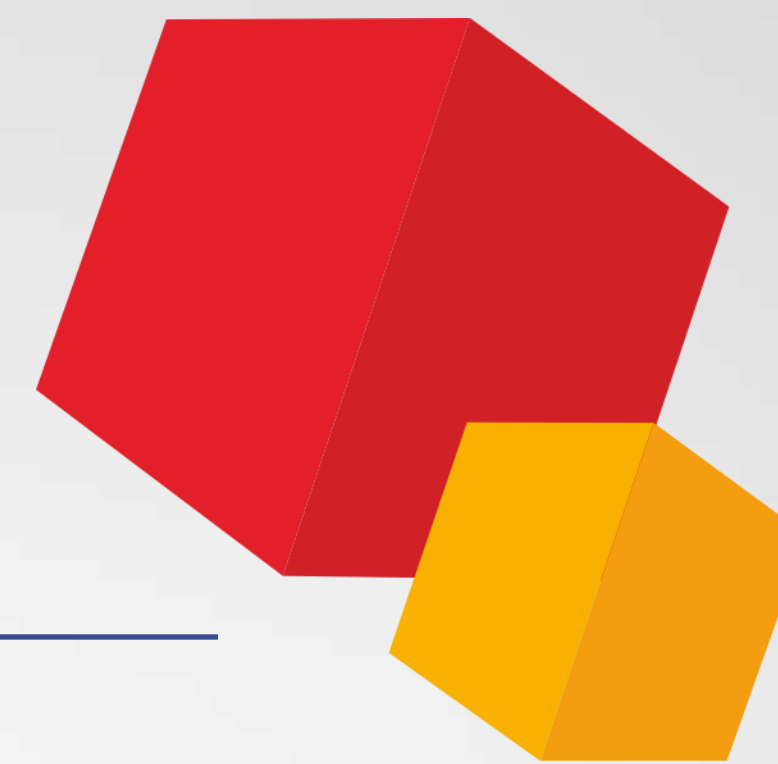


Programs for people of pre - retirement age as a part of project «Skills of the Wise»

-  3D modeling for computer games
-  Graphic Design Technology
-  Documentation service
-  Prototyping
-  Mechanical Engineering CAD
-  Internet marketing
-  Chemical Analysis Service
-  CNC Turning
-  Nondestructive inspection
-  Occupational Safety
-  Polymechanics and automation
-  Industrial robotics
-  Industrial design
-  Composite technology
-  CNC Turning
-  Lifecycle Management / Program Management
-  Pharmacy
-  CNC Milling
-  UAV Operation



FOR CORPORATE AND INDUSTRIAL PARTNERS



Individual programs



independent assessment of staff qualification;



enhancement courses qualification and retraining courses;



training for corporate and national championships;

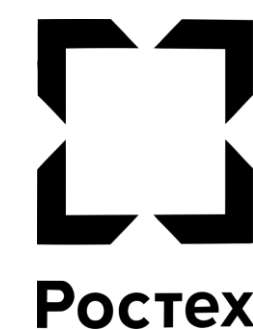


holding qualifying and corporate championships;



conducting training in the format Skills Camp.

Qualifying and Corporate
championships in MSEC





HR POTENTIAL



Over 250 WorldSkills standards experts from Demonstration Exam experts, to international

39 competencies:

1. Polymechanics and Automation
2. Industrial Robotics
3. Mobile Robotics
4. CNC Turning
5. CNC Milling
6. Aircraft assembly
7. Aircraft Maintenance
8. Recruiter
9. Internet Marketing
10. IT Software Solutions for Business
11. Graphic Design Technology
12. Industrial Design Technology
13. Tourism
14. Geodesy
15. UAV Operation
16. pharmacy
17. Chemical Analysis Service
18. Video production
19. Sound engineering
20. Entrepreneurship
21. Fashion technology
22. Teamwork in production
23. Business software solutions
24. Web development
25. Floristry
26. Information Network Cablng
27. Restaurant service
28. Hotel Receptioning
29. Restaurant service
30. Visual merchandising
31. Mechatronics
32. Composite Technology
33. Primary school teaching
34. Service in Air Transport
35. Photography
36. Occupational Safety
37. Welding tec
38. Patisserie and Confectionery
39. Documentation service



BASE DEPARTMENTS MSEC



Today, 8 basic departments successfully operate:

1



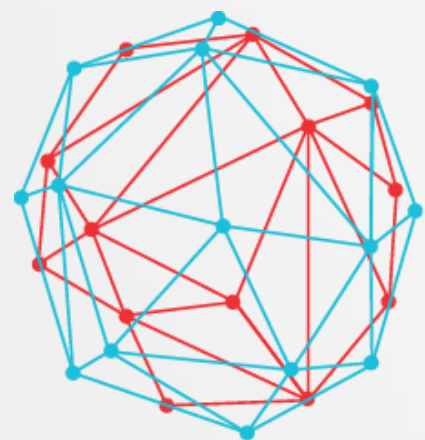
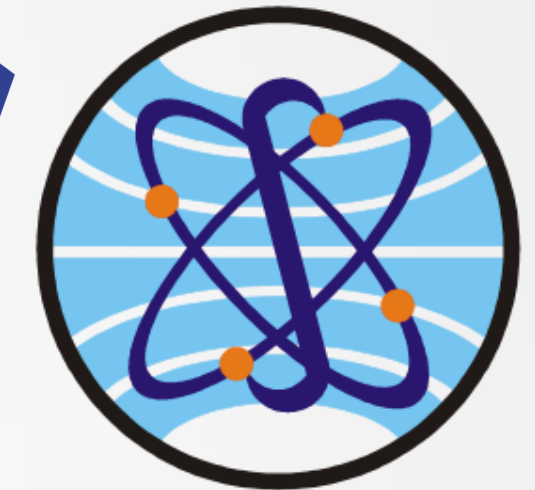
2



3

DMG MORI

4



6



8



5

ТЕХНОПОЛИС
МОСКВА

7



10

more than 70 signed agreements with employers in follow-up training personnel for the industrial sector of the economy.



EDUCATIONAL PRINCIPLES PRACTICE MSEC



 IMPLEMENTATION OF WORLDSKILLS STANDARDS
IN THE MAIN EDUCATIONAL PROCESS;

 MODULAR EDUCATION;

 PRACTICE-ORIENTED APPROACH;

 DUAL EDUCATION;

 CONTINUING EDUCATION.





AREAS OF COOPERATION



Moscow State Educational Complex is always ready for cooperation and pleased to offer



Students education and internship in basic and additional programs with the possibility of their implementation according to individual plans;



Professional internships and skills development for educational staff members and company staff;



Implementation of programs and teaching materials in other countries, regions and educational institutions;



Championships holding for international, continental and national championships;



Participants preparation for international, continental and national championships.

THE MOSCOW STATE EDUCATIONAL COMPLEX - MAKES THE WORLD BETTER BY MEANS OF YOUR PROFESSIONAL EXCELLENCE!



Director of MSEC
Igor Artemyev

+7(906) 755-59-50

ArtemievIA@mgok.pro

Thanks for attention!



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Russia

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