



DIGITAL TECHNOLOGY IN EDUCATION

(кабинет 23, 2 этаж)



1	Бабаева Иоланта школа № 2103 класс 9 руководитель проекта – Карпова Анна Сергеевна	Computer telecommunications in education This project focuses on the role of computer telecommunications in education. There are many methods that are aimed at helping people with sharing their knowledge, including webinars, online conferences, educational programs and websites. The results of the work will help us to understand the important role of telecommunications in the education sphere as an opportunity of national development of the world.
2	Ширинов Адиль школа № 1387 класс 8 руководитель проекта – Айрапетян Мелине Аванесовна	Are e-books killing paper books? In today's world technology is ever-changing. It affects everything we do including how we read books. The issue has been brought up that paper books are in danger of being replaced by electronic readers. That's why I believe that the question of the place of the paper book in our life becomes one of the most important problems of mankind. The <i>novelty</i> of the project consists in defining the tendencies of the modern society to use e-books, which has not been thoroughly investigated so far.
3	Шейдин Даниил, Бурина Анна школа № 1253 класс 10 руководитель проекта – Насыров Дмитрий Петрович	Hardware and software implementation of cloud technologies to the educational process of major cities of the Russian Federation on the example of Moscow Firstly, we carried out a research of the current state of cloud technology and its progress and the possibilities of using this kind of technology in education. While analyzing implementation manuals we learned how to implement cloud computing. We conducted a research on the best cloud solution required for education.
4	Гордеев Никита, Красник Михаил школа № 1409 класс 7 руководитель проекта – Бойко Эльвира Николаевна	Physics around us The choice of the topic of our work was driven by a desire to interest junior students in Physics and Computer Studies. We started to develop several themes simultaneously: "Physical inaccuracies in movies", "Physical phenomena in literature", "Interesting facts from the life of physicists", "Interactive model Scratch". Some of the films have been investigated on the physical inaccuracies that contradict the laws of physics and some artworks on the search for physical phenomena.
5	Волохин Николай, Соловьев Матвей школа № 507 класс 10 руководители проекта – Удалова Н. Ю., Зареченская Ю. Б.	The “Numerical systems” IT manual The Hyper Text Markup Language HTML was used in the manual. It contains six parts: the legacy of numerical systems; what the numerical system; different kinds of numerical systems; numerical systems integration; arithmetic; tasks. Each part contains the unique “Numerical systems” theme section description. This manual can be used at the IT lessons by teachers in 7 th and 8 th forms to study this theme.
6	Алехина Юлия, Гуменюк Кристина школа №1537 Класс 10 руководитель проекта – Музланова Елена Сергеевна	Fort Ross Quest: games in education It's common knowledge that traditional training is based on drilling and testing our memory. Such approach doesn't suit everyone and seems boring especially to low-motivated students. This is where game-based learning comes in. It makes learning more fascinating, using modern game-creating techniques. The aim of the project is to create a computer game that will provide more enjoyable and effective training.
7	Попова Екатерина, Прокофьев Влад школа № 283 класс 9 руководитель проекта – Агафонова Татьяна Владимировна	Teachers or Computers: Discussing the Issue In the last couple of years, we have a lot of technological breakthroughs in all aspects of our lives and in education too. It is undeniable that a computer is an efficient tool of education itself. Pupils can study the school subjects alone. In this case a teacher in a classroom seems to be a redundant person. But we are sure, that teacher will be important part of future education. Our hypothesis is that the education without teachers is impossible.



INNOVATIONS IN CITY MANAGEMENT AND SOCIAL SERVICE

(кабинет 26, 2 этаж)



1	<p>Мамаева Валерия, Зайцева Татьяна школа № 1355 класс 8 руководитель проекта – Авилова Анастасия Игоревна</p>	<p>New technologies in municipal economy and social sphere Technology development has changed our lifestyle and communication style. But no invention has changed our lives as much as the advent of the Internet and new technologies. Our project tells about how new technologies have taken root and still survive in the urban economy and social sphere of people's lives. From it you can learn what domestic projects were successfully launched in Moscow. And also, some robots can already be seen on streets all over the world.</p>
2	<p>Повидыш Александра, Северук Александра школа №1449 класс 10 руководитель проекта – Беличенко Наталья Николаевна</p>	<p>Advertising and its impact on society We have chosen this theme of research work for several reasons. Nowadays we find advertisement almost at every turn. We often unconsciously distinguish for ourselves one commodity of many others also because of likable advertisement, but does it happen, we can explain not always. The hypothesis of the research: high-quality advertisement is able to have influence on the decision of the people and, therefore, to increase the demand of that production.</p>
3	<p>Буйлов Никита, Рузак Орест школа № 1955 класс 9 руководитель проекта – Селянцева Наталья Валерьевна</p>	<p>IT-technologies in modern museums Nowadays the popularity of museums is growing fast. People tend to visit museums more often than they used to. Queues have become longer; visitors are active and willing to use the new options museums are ready to offer. We have made up our mind to work through the new technologies used in the museums of our city-Moscow and the world and see if the potential of the museums is used to its maximum.</p>
4	<p>Новикова Диана Гимназия МИИТ класс 11 руководитель проекта – Лукьянова Людмила Михайловна</p>	<p>Filter screens Nowadays the problem of the excessive air pollution is one of the most significant for Moscow because it influences on the environment and human health. Object: air purification. Subject: "Filter screens" as means of struggle with environmental pollution. Aim: "Filter screen" design. Goals: to reveal the main reasons of air pollution; to work out a scientific project about air clearing.</p>
5	<p>Резниченко Даниэль, Андрянов Демьян школа № 1409 класс 8 руководитель проекта – Кадыкова Анна Валерьевна</p>	<p>Clean today is clear tomorrow Solving ecological problems is urgent nowadays. Ordinary schoolchildren can influence the ecological situation in their region in particular and in the whole country in general. All of us may begin with our school. Firstly, we need to interest our schoolmates of all ages and explain them the importance of the problem. Only in case of working together, collaboratively, we will be able to improve the environment.</p>
6	<p>Шведова Ксения, Рябовская Анастасия Гимназия «Свиблово», СП 297 класс 9 руководитель проекта – Негру Анна Дмитриевна</p>	<p>My "Yellow Booths of History" The project is called "Yellow Booths of History" and is dedicated to creation of special information booths in the streets of Moscow. I believe they will be useful for Muscovites and guests of our city.</p>
7	<p>Григорьева Юлия Колледж Бизнес Технологий 3 курс руководитель проекта – Хорошилова Татьяна Игоревна</p>	<p>Tracking sensor "Compact search device" Probably everyone faced a problem of losing things. We often lose really important and valuable things which, unfortunately, are impossible to return. Especially for such cases our company represents you a compact search device (CSD-12) with a strong sticker which you will be able to attach to anything dear to you and find it at any moment.</p>
8	<p>Кремер Катерина София школа № 825 класс 8 руководитель проекта – Довжик Кристина Витальевна</p>	<p>The study of influence of bilinguality on a child's development. Nowadays there are bilingual children in almost every class. That is why being a bilingual child I'm more than interested in the study of this subject. The purpose of this research is to study the peculiarities of bilingual children with the help of the detailed study of various research works of modern scientists working in the field of biliguity and combining the results of this study with the results of my survey conducted at my school.</p>



INNOVATIONS IN MEDICINE AND SPORT

(кабинет 47, 4 этаж)



1	Амеличкина Анастасия, Галиева Карина школа № 1355 класс 9 руководитель проекта – Васильева Виктория Сергеевна	Innovative Technologies: Past, Present, Future. It is hardly a secret that health plays a vital role in our lives and activity. Without good health, talents and abilities of a person are diminished as it is rather difficult to achieve success when one does not feel good. This is especially true for professionals in the world of sports. In the 21 st century, information technology has been applied to practically every sphere of human endeavor, including medicine and sports. The aim of the project is to present the most common innovative technologies in the sphere of medicine and sports.
2	Гурегянц Гурген школа № 1357 класс 9 руководитель проекта – Жукова Елена Леонидовна	Innovations in medicine and sports Medicine is one the most developing branches of science. A lot of changes were made in modern medicine. People increasingly began thinking about overcoming barriers and improving the treatment standards. With the help of innovative equipment there was created a cell of mouse liver which completely included on life of all the organism after implantation in animals organism. There is one of the medicine heights I'll explain in my presentation and which also has a great influence on developing active sports life of men.
3	Егошин Владимир школа № 1411 класс 10 руководитель проекта – Горелова Елена Николаевна	The necessity of innovative concepts and technological devices in Modern Medicine and Sport Life The humanity progress in different spheres never stops. People try to develop the quality of life spheres. I'd like to give a talk about the development of medicine and sport. Both of these notions were born in ancient times. Speaking about medicine, we mention doctors practicing in Ancient Egypt. Of course, the methods and the condition in which the cure processes occurred differ from the contemporary ones. I'd like to show several innovations that have appeared recently.
4	Никитин Сергей школа № 1272 класс 10 руководители проекта – Пенюкова Ирина Борисовна, Гудуш Дмитрий Владимирович	Diagnosis of neoplasms by cytological analysis The relevance of the topic: due to the high incidence of cancer the study of causes, types, treatment and especially its prevention gets particularly relevant. Objective: to study one of the methods of cancer prevention. Targets: 1) To prepare a solution of phosphate buffer (pH 7.0) to achieve dyeing of smears as according to Pappenheim. 2) To determine the nature and the degree of proliferation of the epithelium, mesothelium, as well as to observe the nature of cellular changes in the dynamics. 2) To diagnose malignant tumors.
5	Булгакова Настя, Морилова Ульяна школа № 324 класс 8,9 руководитель проекта – Платонычева О.В	Forewarned is forearmed Diabetes is the most acute medical and social problem related to the priorities of the national health systems of almost all countries of the world, protected by WHO normative acts. The work is devoted to a comprehensive study of the problem: the collection and analysis of data in the literature to their own experimental research of topical issues of diabetes within our school and the city. The study proposed solutions for prevention, education and treatment of diabetes patients.
6	Волчкова Екатерина школа № 1381 класс 7 руководитель проекта – Архипова Ирина Николаевна	Innovations in Medicine. Bibliotherapy There are many types of innovations in medicine like art-therapy, animal-assisted therapy and others. I want to speak about bibliotherapy as an innovation in medicine. The reason I have chosen to investigate the topic "Innovations in Medicine. Bibliotherapy" is that reading is not so popular among teenagers. However, everybody knows how helpful books are. It is interesting to research the impact of different kinds of books on peers' mental state and find out their reading preferences. I have analyzed the information about physiological aspects of bibliotherapy and its history.

7	<p>Бугеря Софья школа № 1537 класс 10 руководитель проекта – Музланова Елена Сергеевна</p>	<p style="text-align: center;">Human enhancement technologies</p> <p>The project is devoted to innovation technologies in medicine that can improve our life, our body and even give us extraordinary abilities. The aim of my project is to tell people that they can do things they didn't even expect may be possible. The survey conducted in the project showed that people are interested in the latest innovations and want to know about them.</p>
8	<p>Клементьева Ольга школа № 902 класс 10 руководитель проекта – Казакова Анастасия Андреевна</p>	<p style="text-align: center;">3D printing in medicine</p> <p>It is known that 3d printing slowly penetrates our lives. It should be stressed that such an exciting innovation has many useful applications in medicine. The main goals of the project are to study historical information on 3d printing in healthcare, its positive and negative influence on our future; to find out if there are perspectives of the development of 3D bioprinting in Russia; to motivate modern teenagers to study this new technology with the help of creative tasks.</p>
9	<p>Круглова Вероника школа № 1412 класс 8 руководитель проекта – Апресян Соня Юрьевна</p>	<p style="text-align: center;">Cell regeneration</p> <p>The project is devoted to the problem today - cell regeneration. The article reveals the concept of "recovery" and "regenerative medicine." We consider the protection mechanisms and mechanisms of cell renewal. The author reveals the issues of regeneration in animal cells. Particular attention is paid to the regeneration in human cells. The possibilities of regenerative medicine for the treatment of a wide range of diseases are considered in this article. The article sums up the results of the use of the active regeneration of skin cells in cosmetology.</p>
10	<p>Горелова Алина школа № 1411 класс 10 руководитель проекта – Горелова Елена Николаевна</p>	<p style="text-align: center;">Cutting-edge elaborations in the sphere of medicine</p> <p>It's not a secret that cutting-edge elaborations in lots of realms are being carried out. Undoubtedly, scientists jeopardize greatly, but their work is dedicated to catering novel workings-out for the humanity. Personally I admire achievements of Pavlov, who initially investigated preventive medicine which is the main aim of contemporary investigations nowadays. In my research I am planning to touch upon a theme of innovative technologies in medicine, to find out the data of latest projects, methods that let identify diseases at an early stage and to find benefits of such advanced technologies for the community.</p>
11	<p>Сапожникова Рита, Дахновец Артемий школа Юджин-Центр класс 10 руководитель проекта – Платонычева О.В</p>	<p style="text-align: center;">To fight or to run. Adrenaline – a stimulant of powerful emotions.</p> <p>The problem of emotional insanities is one of the most important aspects of modern medicine. Our scientific work is dedicated to the comprehensive research of adrenaline as a stimulator of powerful human emotions. During the study, we developed ways of detection of the adrenaline addiction and high level of that hormone in teenage organisms. Also, we offer a method of controlling stress at school and home.</p>
12	<p>Романько Ангелина школа № 1955 класс 9 руководитель проекта – Селянцева Наталья Валерьевна</p>	<p style="text-align: center;">Innovative ways of fighting doping in the professional youth sports</p> <p>This research deals with the problem of using doping in professional youth sport. There is information about meaning, classification, history and effect of doping. I also carried out two surveys. The first one was about the attitude of ordinary people and athletes' to the usage of doping. The second one was dedicated to the detection of the main methods of fighting with the usage of doping. My experiments prove that this problem is very wide-spread and there is a number of innovative methods to solve it.</p>



COMPUTERS AND TELECOMMUNICATION SYSTEMS

(кабинет 45, 4 этаж)



1	Высоцкая Диана, Королева Алина школа № 1449 класс 10 руководитель проекта – Беличенко Наталья Николаевна	The internet addiction disorder Surfing the internet can be very interesting for people. But people need to use it properly. If not, it will turn into an internet addiction. ” The internet addiction harmfulness is greater than “TV addiction”. Indeed the internet addiction can be called “a mental illness”. The aim of the project is to find solutions how to help the internet addicted people.
2	Васильев Сергей школа № 1412 класс 10 руководитель проекта – Пшеничникова Татьяна Игоревна	The impact of the social networks on the modern society Today we can't imagine our life without computers, smartphones and social networks. I decided to find out if social networks are really helpful and why they demand so much time. I carried out a survey among some “net-addicted”. The results turn out to be amazing. You can see them after looking through my project, which not only will show you the real state of things, but will inform you about ways to escape time-killing trap.
3	Шкитина Алена, Белобородова Дарья школа № 2103 класс 9 руководитель проекта – Карпова Анна Сергеевна	Social networks The purpose of the project is to find out people's attitudes to social networks. At first, we learned the theory of the subject and briefly outlined it. Whereupon, we conducted our own researches and analyzed them. Project conclusion: social networks are widespread among people of all ages and interests all over the world. They are indispensable for the balanced life of a modern society, although they have their disadvantages.
4	Попова Елизавета, Демчук Елена школа № 1387 класс 8 руководители проекта – Никифорова М.В., Левадная Н. А	Digital Technologies as a Means of Conflict Resolution and Social Interaction Does technology unite or separate people? Today's social networking sites and smartphones connect us more than ever. In fact, technology brings people separated by a physical distance closer and separates people in the same room. This study examines how new media technologies may be used to regulate the level of conflicts and increase social interaction.
5	Попова Алена, Нешумова Александра школа № 2103 класс 9 руководитель проекта – Карпова Анна Сергеевна	Multiple sides of television in modern life The subject of the research is the role and multiple sides of TV in the modern life. We'd like to study the influence and spread of television in the present world. Our project is based on the statistics of telecommunication services usage by different age groups. We conducted a survey of the 1 st grade, 5 th grade, 9 th grade and teachers. Also, much attention in our project is paid to consideration of the beginning of TV industry and its development.
6	Зайцева Майя, Овчарова Екатерина школа № 1449 класс 10 руководитель проекта – Беличенко Наталья Николаевна	Slang and its influence on Russian teens speaking culture The subject matter of the research work is modern English slang words and constructions. The majority of people use the Internet. There have appeared new and new files: videos, songs, films. Moreover, we can find different word constructions that have been never mentioned before. When these files become popular, teens start to use such constructions in their everyday life.



ENVIRONMENTAL MANAGEMENT

(кабинет 46, 4 этаж)



1	Харитонов Тимофей школа № 1498 класс 10 руководитель проекта – Папина Дарья Юрьевна	Causes, impacts and solutions for deforestation problem A large-scale investigation into deforestation problem and its causes is based on analyzing various up-to-date maps, airphotos and databases related to this topic. The project covers the most vulnerable to this process regions and is illustrated with authors complex maps, created in special cartographic software (ScanEx, ArcGIS), reflecting the main tendencies of the world's tree cover loss and results of reforestation policies.
2	Романова Екатерина, Эшмуратова Амина школа № 2065 класс 10 руководитель проекта – Алфёрова Елена Ивановна	Wildfires in Russia: reasons and effects Nowadays there are a lot of disasters in the world. One of them is a wildfire. A wildfire is an uncontrolled fire that damages everything on its way. In this project there was reviewed the phenomenon of the wildfire in Russia and was found out how products of the chemical reaction of the combustion influence the environment and human organism. According to the results of this work there was made the list of the behavior tips during the wildfire and that was objective of this project.
3	Кембель Александр Гимназия МИИТ класс 7 руководитель проекта – Мартынцева Елена Витальевна	The Taiga and its role on our planet. This project is dedicated to the issue of saving the Taiga as a natural biome needed for stability and health of our planet, purifying air and water, and climate stability. The aim of this project is to grab public attention to the problem of protecting flora and fauna of the Taiga, rational use of natural and mineral resources of this kind of biome.
4	Минакова Дарья, Невейкин Тихон школа № 507 класс 10 руководитель проекта – Батурина Надежда Александровна	A study on the advisability of seeding perennials for dirt road surface conservation based on the comparison of vegetation in the Moscow and Tver regions During the research work on the project the vegetation in the roadside verges of dirt roads in the Moscow and Tver regions was examined and compared. The richness of dominant grass species was evaluated and the species with the richest cover were found. Based on the research results, recommendations were provided regarding use of grass perennials for dirt road surface conservation.
5	Алекберова Айшан школа № 902 класс 10 руководитель проекта – Казакова Анастасия Андреевна	Garbage is the basis of the future civilization Our project is devoted to garbage. The main aim of this project is to introduce measures to reduce the negative influence of the garbage on the environment. The author tried to find special questions to teenagers not only to make them think about different ways of garbage processing but to form ecological world outlook. This project will be useful for teenagers in studying such subjects as Biology, Ecology, Geography and English.
6	Мельник Александра школа № 283 класс 8 руководитель проекта – Агафонова Татьяна Владимировна	Packaging is the environmental problem. Everybody knows that our environment is endangered! Littering and using packaging are among these problems. About 9.3 million tonnes of packaging waste is generated in Russia every year. Our aim is to find some ways of saving the environment from packaging waste. The tasks of the project are to analyse the information about packaging waste, to ask our classmates about using of packaging to make a conclusion.
7	Савелькина Мария Гимназия МИИТ класс 11 руководитель проекта – Лукьянова Людмила Михайловна	«Eco-generator»-architectural and ecological project Nowadays the problems of the aesthetic face of modern city and ecology are very essential and significant for Moscow. Streets are dusty and gas-polluted, their conditions are ugly. The subject of the project is “Hanging Gardens” as means of decoration and struggle with dust- and gas-pollution. Goals: to research methods of city improvement and landscape gardening of distant countries; to work out a design project of landscape greenery of Yaroslavskoe Shosse.
8	Гончарова Анна Гимназия МИИТ класс 11 руководитель проекта – Лукьянова Людмила Михайловна	Asteroid mining What will tomorrow look like? The earth's resources are limited, unlike human needs. My project is devoted to solution to this problem. In my project I will tell about the latest methods and ways to obtain resources. However, to obtain resources is not so usual way, but from space. How is it possible? Very simple! “Timing is everything and for space right now is that time” – DSI.



INNOVATIONS IN TRANSPORT AND TECHNOLOGY

(кабинет 37, 3 этаж)



1	Шаров Георгий, Юшкевич Семен школа № 1905 класс 9 руководитель проекта – Болотова Елена Рудольфовна	Innovations which changed our life Last year the topic “Innovations” was on the school curriculum and the whole class was taken in the debate which innovations proved to be the most significant for humans. So we decided to participate in the project and to prove the predominance of the inventions we had been discussing. We came to the conclusion that any cutting-edge technologies are just tools and what matters is the responsibility of people for their inventions which should be used for the benefit on our planet.
2	Иншакова Мария школа № 1506 класс 10 руководитель проекта – Толкачёва Елена Владимировна	The law of energy conservation in science and technology How does the energy is save in the nature? And what do we mean by "energy"? How this can be attributed to a perpetual motion machine? Conservation of Energy Law is the basic law of physics. My goal was to study its impact on science and technology. I walked a thorny path and come to some conclusions. And now it’s you to judge whether I was successful or not.
3	Агаронов Александр школа № 1357 класс 9 руководитель проекта – Жукова Елена Леонидовна	Transport and space systems In 2030 the development of transport and space systems will be priority destination in Russian Federation. Development of the new transport technologies can be the major new transport logistic of worldwide transport system. Development of new transport technologies will contribute the mobility growth of the population. In addition of exhaustion of cheap carbon fuel will be the usage of inexhaustible sources of energy.
4	Прохоров Юрий Гимназия МИИТ класс 10 руководитель проекта – Лукьянова Людмила Михайловна	Development of public transport in Moscow The main objective of my research was to find the ways to improve the operation of Moscow public transport. I have analyzed the measures undertaken by the Moscow Transport Department. In addition, I have conducted my own survey in order to prove the inefficiency of dedicated lanes and the lack of positive impact on public transport. Furthermore, I have studied the possibility of emergence of water transport and compared its possible condition with already existing land public transport of Moscow.
5	Правский Егор школа № 1537 класс 11 руководитель проекта – Музланова Елена Сергеевна	Light rail system The modern tram or the Light Rail Transit is a very popular means of public transport all over the world, but in Russia we don’t have anything like this. The aim of my project is to prove that LRT is the best solution for large cities in terms of increasing efficiency and decreasing traffic congestion. To achieve this aim I’m going to analyze the use of LRT in major cities around the world as well as to compare it to other means of transport.
6	Хомякова Юлия школа № 1537 класс 11 руководитель проекта – Музланова Елена Сергеевна	Optimization of travel expenses Transportation affects our lives and daily routine. Public transport is pretty cheap in Moscow. Today there are several possible ways to pay your trips. With such a large choice of different tickets and options people often don’t make sense of how much money they overpay for public transport. So, the aim of my project is creating a program, which help people to optimize their travel expenses.
7	Чупраков Федор школа № 1537 класс 11 руководитель проекта – Музланова Елена Сергеевна	Gasoline cars vs electric cars The project is devoted to new technologies in car manufacturing. Nowadays there are many types of cars. No wonder it’s difficult for regular customers to decide which type of car will better suit their needs. That is why they are often cheated in shops and are forced to buy the car they don’t really need. The program designed in this project offers a simple way of assessment which car will be more profitable for the owner.
8	Скирневская Валерия Гимназия МИИТ класс 8 руководитель проекта – Голобокова Елена Александровна	How will the world exist with the advent of unmanned cars People are trying to make the world more and more comfortable. And many leading firms offer their solutions and one of them is the unmanned cars. During the work I’ll do a little excursion into the history of the development of transport and try to analyze how it affected the development of humanity and ecology of the surrounding world. Also try on the basis of this analysis, make conclusions and suggestions.



DIGITAL TECHNOLOGY IN ART, CULTURE AND ARCHITECTURE

(кабинет 33, 3 этаж)



1	Агабабян Эмма, Алиева Дана школа № 1637 класс 8, 9 руководитель проекта – Котенёва Инна Валерьевна	Use of 3D technologies in art and design design activity. Creative project "Salute of the Victory". The creative project of pupils of Gymnazium 1637 is devoted to use of 3D technologies in modern design. The main objective of work is creation of the model devoted to decisive battles of the Great Patriotic War (with use 3D - modeling and 3D - the press).
2	Тимошик Анна, Коротков Иван школа № 1355, класс 8 руководитель проекта – Авилова Анастасия Игоревна	Digital technology in architecture, art and education Milestones in the history of modern art and technology are widely known in the west. In Russia, this important information is simply not available, so the study of the impact of new technologies on art provokes difficulties. In this paper the impact of new technologies on art will be presented and characteristics of the results of interaction between new technologies and art.
3	Басманова Татьяна школа № 902 класс 8 руководитель проекта – Казакова Анастасия Андреевна	Modern technologies and their influence in culture, art and architecture We cannot imagine our modern world without digital technologies. They present in almost all spheres of people's life and activities. This project deals with the development of modern technologies in people's cultural life, art, and architecture. In my opinion, this paper will be interesting for modern students who are not only supposed to live and work in the digital society but develop it.
4	Архипова Анастасия, Валентова Татьяна школа № 1449, класс 10 руководитель проекта – Беличенко Наталья Николаевна	The influence of music on our brain and mood Music has been central to young people's lives for generations. Music can help youth relax and manage their moods and provide ways to connect with peers. The more interesting question of course is "what is the influence of music on young people?" In our project, we also try to test the effect of music on memory and mood. This is the reason why we have chosen this theme.
5	Гинзбург Александр школа № 118 класс 11 руководитель проекта – Малюкина Екатерина Викторовна	Modern technologies which are used in theatres In this project we reveal and prove that nowadays it is acceptable to use modern technologies in the theater. Of course, we have to respect the traditions of this culture, but we must not forget that in the 21st century we try to simplify tendencies, which have been developing over the years. Many theaters have moved to a new system of image display on the screen, but somewhere they solved the problem that no one could solve for centuries.
6	Зейналов Руслан школа № 1412 класс 9 руководитель проекта – Еремина Светлана Владимировна	Smart home technologies This research paper is devoted to Smart Home technologies. The first part of this paper is to find out what a "Smart Home" is, what the advantages of such technologies are, to have a look at different Smart Home devices. The second part is a project which involves making a model of a Smart Home and calculating the costs of installing these Smart Home technologies. This project will enable an average Muscovite to see how these technologies can be applied and how many resources are needed.
7	Кондратенко Ирина, Медведева Анастасия школа № 283 класс 11 руководитель проекта – Докторова Марина Ивановна	Eco Houses project Today, the most urgent issue is the excessive waste of natural resources. Natural resources are consumed by people faster than our planet is able to restore them. To make the society live at the expense of renewable resources, drastic measures are necessary to be taken now in areas such as energy production, transport and housing. Therefore, we conducted a study that revealed how some modification of the housing allow reasonable use of resources.
8	Горбачева Анна школа № 1568, класс 8 руководитель проекта – Фролова Ольга Евгеньевна	Special features of an eco-house Eco-house or "green building" is a modern approach to low-rise building becoming more and more popular in Europe and in Northern America. We can report demand for construction of houses based on specified approach in Russia nowadays. The aim of our research is to create a model of a perfect self-operating eco-house.
9	Оруджова Дина школа № 1506 класс 10 руководитель проекта – Толкачёва Елена Владимировна	The Golden Section Brief description: the Harmony. The "Golden section": the history; the concept; around us. My photos and drawings. Conclusions. Project goals: Knowledge of mathematical regularities, determining the significance of mathematics and the Golden section in the world culture. The problem: the Existence of harmony. Project objectives: learning the history of the Golden section; formulating the basic concepts; considering the Golden section around us. Conclusions: the concept into the development of mathematics. I wanted to show the beauty of the "Golden ratio", much subject to the rule of this one.

