Covid-19 implications on capacity development:

CIS regional perspectives

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In conditions of self isolation and working from home, it became necessary to maintain an operating mode remotely. And we can say that it is some kind of trigger to use all available ICT affordances to the fullest.

It was at this point that increased the role of ICT solutions such as:

These platforms now replacing physical meetings, conferences, trainings and events, completely transferring them to the electronic dimension.

The global crisis caused by the coronavirus has exposed "pain points" in many areas of public life. Educational institutions were also forced to promptly begin restructuring the established educational processes.

In Russia, Azerbaijan, Kazakhstan, Uzbekistan and Kyrgyzstan, various technologies have been introduced to support the virtual educational process.

But we must admit that most of CIS countries were not fully ready for such a large-scale and instantaneous transition to online education provoked by a pandemic.

However, this situation provided a unique opportunity to carry out a stress test of the education system and give a invaluable practical assessment of the reforms in the country's digitalization in recent years.

Azerbaijan

Decisions presented at the first global virtual hackathon in support of Azerbaijan's "Stay at home" motto

https://mincom.gov.az/az/view/news/878/azerbaycanin-evde-qal-devizine-destek-meqsedli-ilk-qlobal-virtual-hackathonunda-teqdim-olunmush-heller

During special quarantine, post offices will also be open on Sundays.

https://mincom.gov.az/az/view/news/882/xususi-karantin-rejimi-muddetinde-pocht-shobeleri-bazar-gunleri-de-ishleyecek

Lump sum payment continues daily

https://mincom.gov.az/az/view/news/884/birdefelik-odenishlerin-verilmesi-gundelik-davam-edir

A video conferencing system has been created in medical institutions with the support of the Ministry of Transport, Communications and High Technologies

https://mincom.gov.az/az/view/news/886/neqliyyat-rabite-ve-yuksek-texnologiyalar-nazirliyinin-desteyi-ile-tibb-muessiselerinde-videokonfrans-sistemi-qurulub

Azerpoct LLC continues to provide citizens with mobile services

https://mincom.gov.az/az/view/news/893/azerpocht-mmc-vetendashlara-gosterdiyi-seyyar-xidmeti-davam-etdirir

With the support of the Ministry of Transport, Communications and High Technologies, a new publication on the coronavirus will be released

https://mincom.gov.az/ru/view/news/896/pri-podderjke-ministerstva-transporta-svyazi-i-visokix-texnoloqiy-uvidit-svet-novoe-izdanie-posvyashennoe-koronavirusu

Armenia

The Ministry of High-Tech Industry presents a grant program with a total budget of 22 million drams

https://hti.am/pages.php?lang=2&id=7524&page_name=news

The Ministry announces the collection of ideas and proposals for the design of mechanical ventilation apparatus (IVL)

https://hti.am/pages.php?lang=2&id=7527&page_name=news

17th support program approved: assistance will be provided to high-tech companies

https://hti.am/pages.php?lang=2&id=7540&page_name=news

Kazakhstan

More than 800 thousand applications for benefits submitted by Kazakhstanis through Telegram

https://www.gov.kz/memleket/entities/mdai/press/news/details/bolee-800-tys-zayavok-na-posobie-podali-kazahstancy-cherez-telegram?lang=en

More than 30 thousand benefits related to the birth of a child are issued during the quarantine period

https://www.gov.kz/memleket/entities/mdai/press/news/details/bolee-30-tysyach-posobiy-svyazannyh-s-rozhdeniem-rebenka-oformleno-v-period-karantina?lang=en

How domestic IT specialists help people during the emergency

https://www.gov.kz/memleket/entities/mdai/press/news/details/kak-otechestvennye-it-specialisty-pomogayut-lyudyam-v-period-chp?lang=en

About 400 remote villages from the beginning of the year got access to high-speed Internet using FOCL technology

https://www.gov.kz/memleket/entities/mdai/press/news/details/okolo-400-otdalennyh-sel-s-nachala-goda-poluchili-dostup-k-vysokoskorostnomu-internetu-po-tehnologii- vols? lang = ru

Kyrgyzstan

GKITiS supported the UNDP initiative - a competition to overcome the consequences of the coronavirus pandemic

http://ict.gov.kg/index.php?r=site%2Fpress&pid=552&cid=1

IT headquarters under GKITS: a resource has been launched to support the activities of medical workers

http://ict.gov.kg/index.php?r=site%2Fpress&pid=561&cid=1

A useful selection of resources for earning in the digital environment from the IT Headquarters at the GKITiS

http://ict.gov.kg/index.php?r=site%2Fpress&pid=560&cid=1

Russian Federation

Coronavirus infection control measures (https://digital.gov.ru/ru/activity/directions/938)

Three thousand Russians abroad can re-apply for assistance (https://digital.gov.ru/en/events/39774)

Beeline and Tele2 subscribers have access to free outgoing calls to the help line for Russians abroad

https://digital.gov.ru/en/events/39798

Registration for unemployment benefits is available through the Unified Portal of Public Services

https://digital.gov.ru/en/events/39802

At the State Services in the section "Coronavirus" all services of the VSE.ONLINE catalog are collected

https://digital.gov.ru/ru/events/39858/

Uzbekistan

UzMobile gives its subscribers holiday megabytes, minutes or SMS packages

http://www.mitc.uz/uz/news/view/1333

600 applications filed for COVID-19 Challenge 2020

http://mitc.uz/ru/news/view/1350

During quarantine, comprehensive work is carried out

http://mitc.uz/ru/news/1357

Since April 20, Uzbekistan Pochtasi established international mailing by airmail

http://mitc.uz/ru/news/1351

Remotely provided services for many years during a pandemic in a matter of days went online

http://mitc.uz/ru/news/1389

Distance education in the CIS

• **Via online platforms**. To successfully conduct online lessons, first of all, the availability and sufficient Internet speed, as well as the availability of computers are required. This problem is especially acute in rural areas, where access to the Internet is not everywhere.

• **Via TV channels**. In order to partially solve the problem with access to the Internet, the ministries of education of CIS countries (in Kazakhstan, Uzbekistan, Azerbaijan, Kyrgyzstan) organized short television lessons on state TV broadcasting channels.

• **Via e-mail** - for children living in communities where there are no schools.

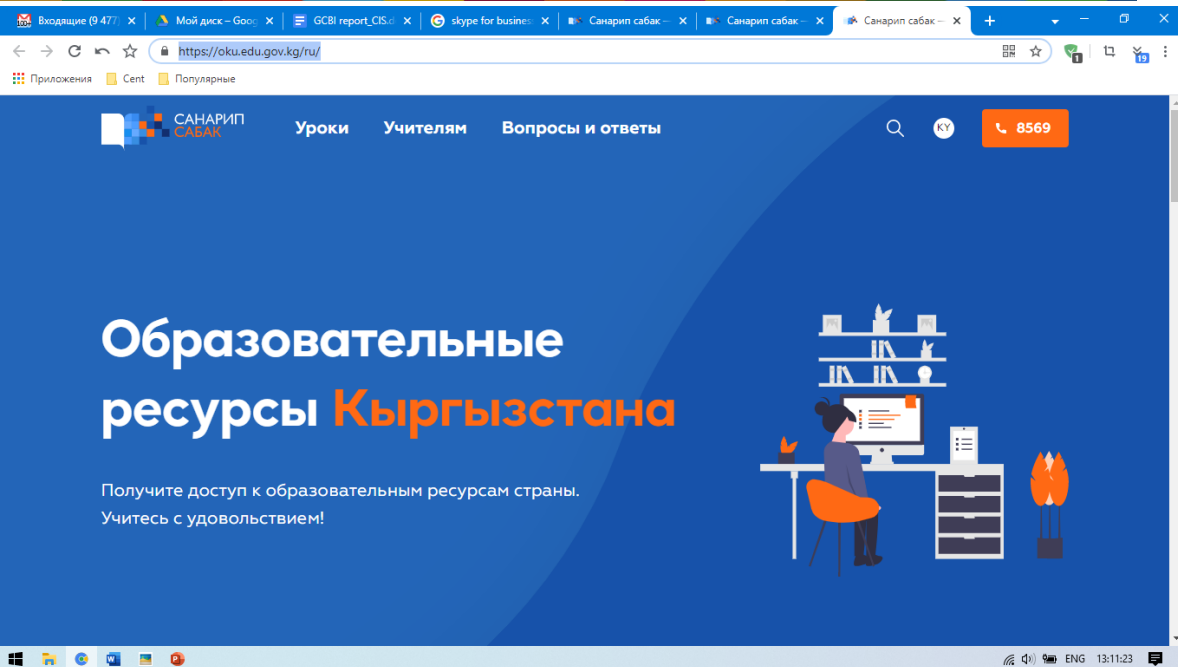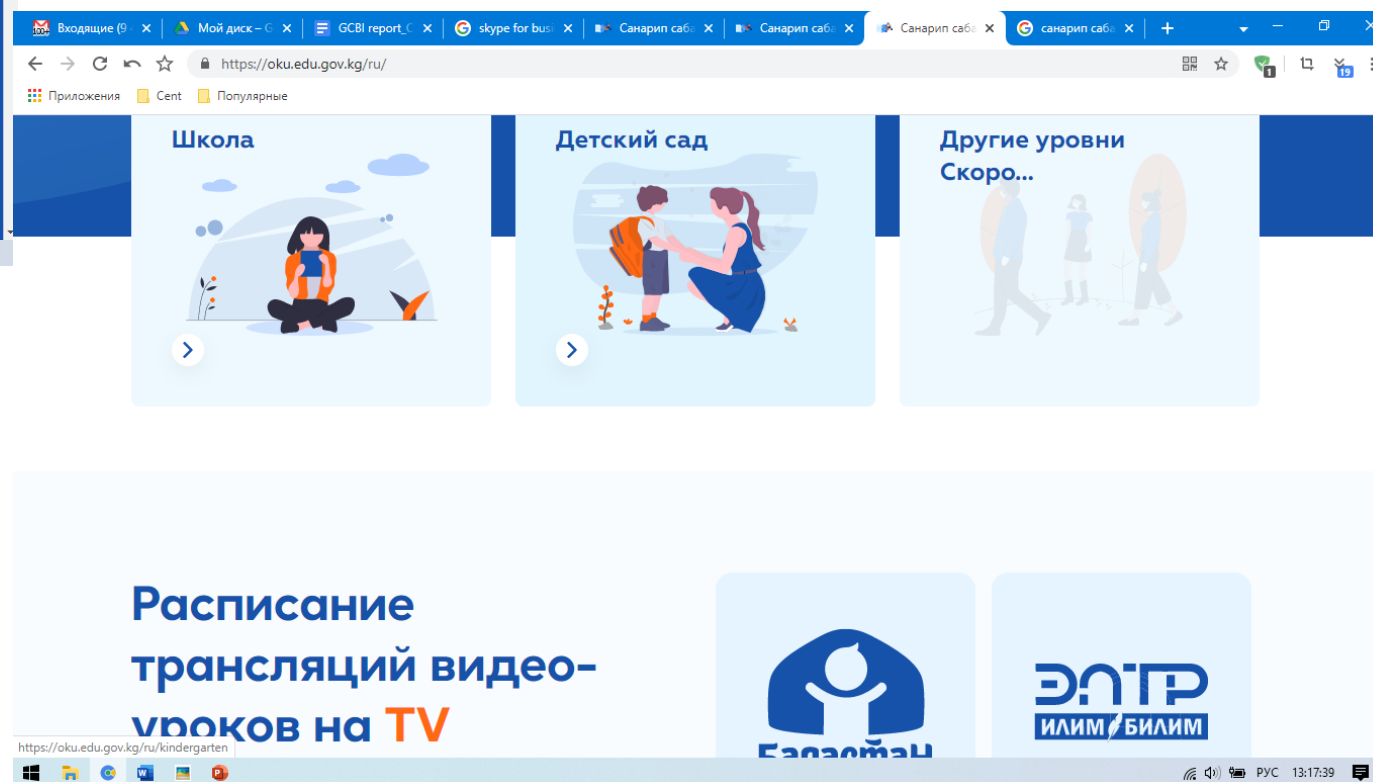• **Via a radio broadcasting channel** (in Kazakhstan, Qazaq Radiosy).

Some of the CIS countries together with the country's IT community, established what we call "IT Shtab" (temporary IT-center) to promote innovative tools and promptly respond to help combat the spread of the virus by providing all possible assistance in creating rapid digital solutions for citizens and government agencies that improve the situation in the country.

Thus, several digital products have been developed and launched, including mobile apps, IT add-ons over existing solutions, Internet resources where the latest information on the current situation in the country is posted and some online platforms for education.

Educational portal https://oku.edu.gov.kg/

The above mentioned IT-center has launched school educational portal (http://okuu.edu.kg/), which now has more than 400 video lessons for school students from 1st to 11th grades in Kyrgyz and Russian languages.

This portal helps to organize the educational process at home in order to return to lessons with minimal losses. It is an information and educational environment that provides equal access to general education. The portal was created to provide an integrated approach to the development and implementation of distance learning technologies in the educational process. It provides completely free access to all courses of the school curriculum posted on the portal. Video lessons for the site were done by the teachers themselves.

The "Kundoluk" automated system was developed for schoolchildren and teachers in Kyrgyzstan for the convenience of maintaining and monitoring the full cycle of the distance learning process. It allows the safety of the database, automated reports for district and regional centers, individual reports. Also the system includes an integrated school website, automatic recording of performance and attendance, homework management, lesson planning, ready-made reports and statistics, data import and export, communication between teachers and students and auto schedule.

The system easily integrates with other digital solutions and also allows to accumulate and store the teaching base.
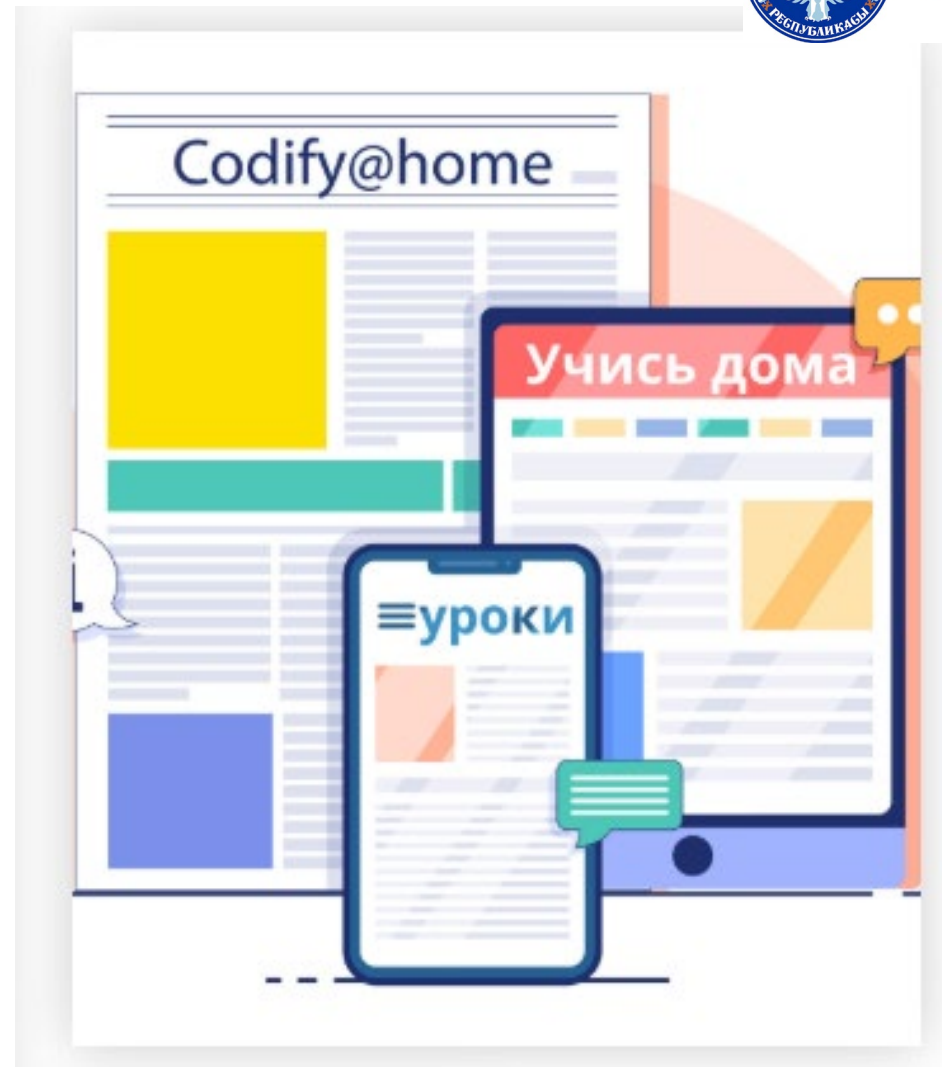
In connection with the announced quarantine, the specialists of the IT-center launched the educational platform with free training resources called Codify Academy.

This information portal with free resources was launched in support of schoolchildren, students, as well as parents and teachers. The platform is a collection of both world and domestic educational resources in Kyrgyz, Russian and English. The portal contains:

• programs for students of Kyrgyz/Russian schools and universities

• electronic libraries

• museum in Kyrgyzstan named after Gapar Aitiev

• music and historical video lessons

• many other cognitive resources.

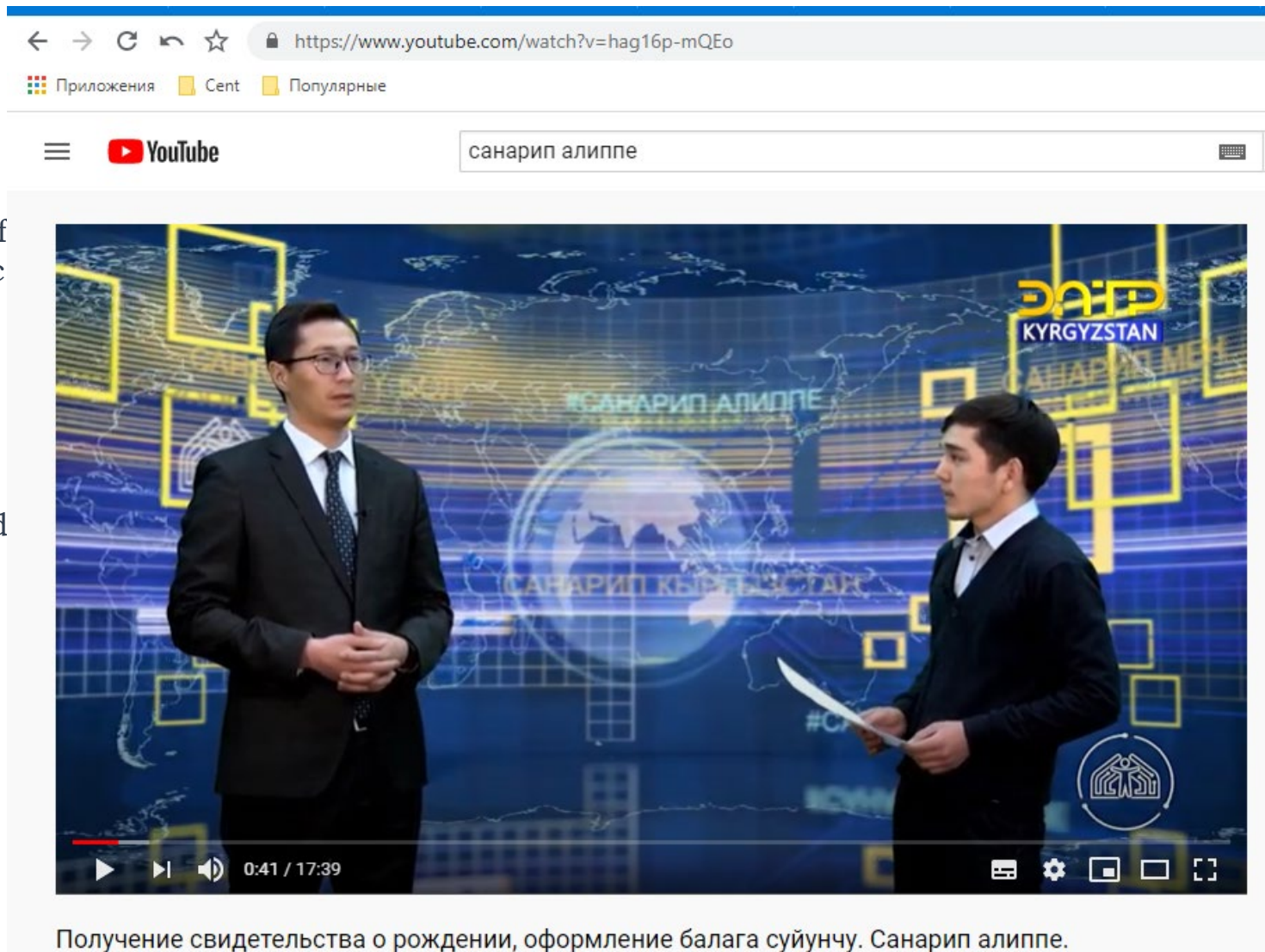Video lessons are simple, interesting and humorous.

All resources are free.

"Sanarip Alippe"

As part of the implementation of the "Sanarip Kyrgyzstan 2019-2023" Digital Transformation Strategy, the "Sanarip Alippe" awareness-raising project was launched.

The project is implemented by the State Committee of Information Technologies and Communications of the Kyrgyz Republic. The project partners are public television and radio channels.

The goal of creating a television project with adaptation for radio broadcasts is to raise awareness of the benefits and challenges of digital transformation and to teach using digital services with practical examples, increasing digital skills and competencies of citizens.

Each program includes a session to clarify digital terminology so that citizens have a correct understanding of key digital terms. The format of the programs is studio, with the guest invited, who, in addition to the theoretical part, conducts a practical demonstration of smart solutions, and innovative services.

Получение свидетельства о рождении, оформление балага суйунчу. Санарип алиппе.

Digiskills

"Digiskills" is a digital platform to unite all existing developments in the public and private sectors, as well as donor projects in the field of Digital Skills and Competencies. It is expected that this digital solution will allow citizens and any interested parties through a single portal (as the principle of a "single window") to obtain the necessary basic digital skills contactless, conveniently and quickly. Digiskills does not plan to duplicate existing solutions. The main goal is to enable citizens at one point to get all the necessary digital skills and competencies.

Digital solutions and services are an opportunity to stay at home, fulfilling our civic duty, but at the same time to be in touch with the whole world. This is an opportunity to work, study and communicate online, helping the state and ourselves to effectively overcome temporary difficulties.

Specialists of the IT-center launched a video conference service with free traffic in Kyrgyzstan.

In an epidemiological situation, remote contactless communication is the ability to communicate, work and fulfill the self-isolation rule. The service is an alternative to ZOOM, Skype, Webex, etc. The key advantage is free traffic in KG zone.

In connection with the epidemiological situation in Kyrgyzstan and in the world, besides the mentioned IT-center, mobile operators in Kyrgyzstan implement social programs to help citizens and the government.

They are providing free communication services for teachers in Kyrgyzstan to organize distance learning and providing free remote access to the curriculum material for school students of the Kyrgyz Republic, in cooperation with the Ministry of Education.

Federal Educational portal in Russia

In the **Russian Federation** was launched **Federal Educational Portal** (http://www.edu.ru/).

Currently, the Collection contains more than 111,000 digital educational resources in almost all subjects of the basic curriculum for school for preschool, secondary school education and colleges.

The Federal Repository of the Unified Collection of Digital Educational Resources (Collection) was created in the period 2005-2007. in the framework of the project "Informatization of the education system", carried out by the National Training Foundation on behalf of the Ministry of Education and Science of the Russian Federation. The collection was replenished and developed from the funds of the Federal Targeted Program for the Development of Education.

The purpose of the collection is to concentrate in one place and provide access to a complete set of modern teaching aids designed for teaching and studying various academic disciplines in accordance with the federal component of state educational standards of primary general, basic general and secondary (complete) general education.

Public Television of Russia - Federal TV Channel started **TV Educational Programmes.**

You can download lesson topics in all subjects from a link on the Internet.

Also, all lessons in Mathematics, Russian and English, Literature for exam preparation are available for viewing on the OTR youtube channel.
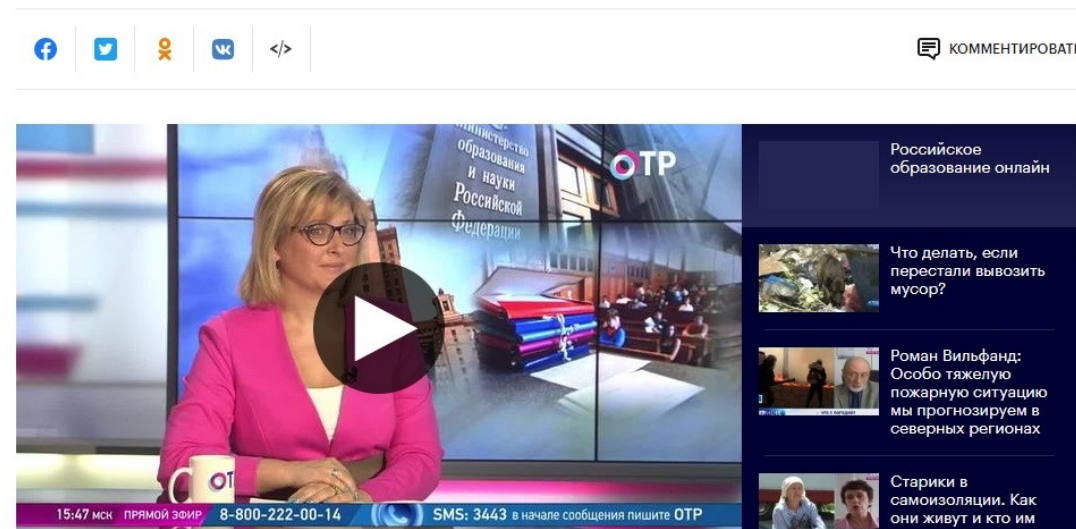
Моя школа online. Математика профиль. 11 класс

АКТИВНАЯ СРЕДА
БОЛЬШАЯ СТРАНА
ВСПОМНИТЬ ВСЕ
ГАМБУРГСКИЙ СЧЕТ
ДОМАШНИЕ ЖИВОТНЫЕ С ГРИГОРИЕМ МАНЁВЫМ
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ЗВУК
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КУЛЬТУРНЫЙ ОБМЕН
ОТРАЖЕНИЕ
ОТРАЖЕНИЕ НЕДЕЛИ

Российское образование онлайн

20 апреля 2015

"My School Online" is an educational project of the Ministry of Education and Public Television of Russia to help students who will pass exams this year. The best teachers of Russia, using the most advanced knowledge and teaching methods, will conduct lessons on the OTR channel.

All above mentioned educational platforms, the access to which is enabled via television, mobile applications and internet. All you need is a TV set, computer or a smartphone.

But at the same time countries faced problems such as:

➢ technical equipment,

➢ ICT competencies of teachers and students.

The inequality in technical equipment has further aggravated the gap in education, in particular, in the comparison between urban and rural areas. The population of the city, as a rule, has access to all educational resources, while the rural population has limited access.

Also, low-income families remained overboard, for whom schools and universities with all their infrastructure served as a platform for education and work. And the lack of gadgets and the necessary equipment in their home makes distance education in the current environment unallowable.

Thank you for your attention!!

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