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| **Module 6** | **STEAM** | |
| **Teacher’s name and surname** | Popov Vit Gennadievich | |
| **Date** | 25.02.2022 | |
| **Class 11Б** | Quantity of Students are attend | Quantity of students are absent |
| **The theme of the lesson** | **University of technology** | |
| **Curriculum objectives** | 11.1.8 - develop intercultural awareness through reading and discussion;  11.2.2 understand specific information in unsupported extended talk on a wide range of general and curricular topics, including talk on a growing range of unfamiliar topics;  11.3.3 explain and justify own and others’ point of view on a range of general and curricular topics, including some unfamiliar topics;  11.4.3 skim a range of lengthy texts with speed to identify content meriting closer reading on a range of more complex and abstract, general and curricular topics | |
| giving someone support or confidence; supportive. | * **Understand the short information about universities in different countries;** * **Improve comprehensions which help compare things from the text using the active learning methods (strategies);** * **Develop self-assessment skills and improving working in collaboration** | |

Lesson

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| **Planned timings** | **Teacher’s action** | **Student’s action** | **Assessment** | **Resources** |
| Beginning  ***Warm-up*** | *Teacher greets students. Wishes them productive job on the lesson* | Students salute to teacher |  |  |
| Teacher present the poster with ‘Cinquain’ | Students listen to the teacher and guess the theme of the lesson according the poster “Cinquain”. | 1. Theme  2. 2 adjectives  3. 3 verbs  4. A sentence  5. Synonym | PPT2 |
| Teacher represent the objectives of the lesson: Understand the short information about universities in different countries,  develop self-assessment skills and improving working collaboration | Student know what they have to do on the lesson |  | PPT4-5 |
|  | Teacher represents students the assessment scale. Where they have to fix the points they get during the lessons. | Student write their names on papers with assessment scales. | Student check their papers |  |
| Middle | Vocabulary.  Teacher gives some phrases and asks students to guess their meanings. | students try to guess meaning of the new vocabulary. Repeating after the teacher |  | PPT6 |
| ***Individual work***  Teacher gives link or the passcode quizizz.com. | Students join to the test with the passcode and do tasks. | Each right answer is 2 points. Total 10 points. | PPT7-8 |
| ***Pair work***  Students are paid attention by the teacher. Give them text with missing words.(a vast array, a wide range, research facilities, encouraging, field work, undergraduate students, diagnose, detect, gene editing, funding) | Students watch the video and listen to the information. They guess the missing words and do marking to each other. |  | <https://youtu.be/1Px4Ch7gNF8>  PPT 9-10 |
| Dividing into groups. Teacher gives pieces of paper with numbers. | Students take the pieces of picture and go to the group with numbers. |  |  |
| ***Group work***  Teacher gives paper and makers students. And gives them the task.analize them | Students have to make a poster and give full information about the theme.  **1 group – poster “6 HATS”**  **2 group – poster “DIAGRAM VIENN”**  **3 group – poster “Press”**  Students put marking to the other group. | **Descriptor**  Students should …  give full comparison (2 p)  use topical vocabulary (2 p)  move according the rules of strategies (2 p)  use grammar rules correctly (2 p)  Pronunciation (2 p) | PPT11-13 |
| **Reflection**   1. I have learned that… 2. The most interesting moment was… 3. The most difficult thing was…. 4. I understood that … 5. Now I can … 6. I felt that … 7. I was surprised by … 8. I’d like to tell that …   ……was/were helpful for my future life. | Students look on the **assessment scales** they fill during the lesson and make self-assessment, what they did on the lesson. | Students give back the assessment scales to teacher and teacher put these points to the electronic diary. |  |
| **Feedback**  Teacher gives students QR-code to give feedback | Students have to scan the QR-code, then give feedback. They should share their emotional condition after the lesson |  |  |
| **Home task**  Find the information about university where you want to enter. | Students write down home task | Criteria:  gives full information  uses topical vocabulary  move according the rules of strategies | PPT17 |

COMMUNAL STATE INSTITUTION "SCHOOL-LYCEUM NAMED AFTER A.M. GORKY" OF THE DEPARTMENT OF EDUCATION OF THE TUPKARAGAN DISTRICT OF THE DEPARTMENT OF EDUCATION OF THE MANGISTAU REGION

Demonstration lesson

“University of technology”

The teacher of English language: Vit Popov

Grade: 11B

**2022 year**

**Hangout1**

Listen and fill the gap with words you hear.

**Massachusetts Institute of Technology (MIT)**

Located in Cambridge, Massachusetts in the USA, the Massachusetts Institute of Technology, or MIT, is a private college that was founded in 1861. Today, the college is ranked as one of the best places to study in the USA. In fact, it attracts over 20,000 new student applications each year from 120 countries.

MIT is made up of five different schools including a school of Science, a school of Engineering and a school of Architecture. These five schools house 30 different departments each offering a (1)*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* of courses. Students can choose to study (2) *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* of subjects from aeronautics or architecture to chemical engineering or genetics. In addition, the staff and students at MIT all have access to excellent laboratories, libraries and (3) *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.* The institution is well-known for (4) *\_\_\_\_\_\_\_\_\_\_\_\_*its students to learn by doing, for example, by undertaking lab or (5) *\_\_\_\_\_\_\_\_\_\_\_\_\_\_*. In fact, more than 85% of the (6) *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*participate in some sort of research while studying for their degree. The research carried out at MIT aims to answer some of the biggest questions and overcome some of the most difficult challenges in science; from curing cancer to searching our universe for new habitable worlds.

One specific example of a result of the research at MIT is the CRISPR Technology system. This system can (7) *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*, (8) *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* and potentially treat a range of genetic diseases or disorders through (9) *\_\_\_\_\_\_\_\_\_\_\_\_\_\_* Another area of research is the use of Artificial Intelligence (Al) for medical solutions. This could include using it to help develop and test new drugs and medicines. These amazing technologies and inventions could help people feel better or even save their lives.

But there aren't just student experiments being done and inventions being created at MIT. The institution also receives some (10) *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*for its work. For example, in March 2019, they received $30 million from the US Agency for International Development (USAID) to help address energy challenges in Egypt. But it doesn't stop here, with so many experts, intelligent minds and excellent facilities, MIT will continue to make good ideas change the world for years into the future.

**The International Information Technology University - IITU**

The International Information Technology University, or IITU, is located in the Almaty region of Kazakhstan and was founded in April 2009. It is one of the leaders in training IT experts in Central Asia.

The university accepts student applications from all over the world and offers a range of courses across seven different departments including information systems, mathematical and computer modelling, and computer engineering and telecommunications. The university has also got state-of-the-art labs, well-equipped computing facilities and an extensive library.

Students and staff can choose independently to become involved with research at the institute, with previous projects creating 'EcoStation' - - a smart bus station - and 'Starbus' which have been successfully used in Kazakhstan. As well as research, one in eight students chooses to take part in apprenticeships and work placements during their undergraduate studies.

All in all, IITU ranks among the best universities in the world. With such great facilities and opportunities, students are guaranteed the best chance of entering their chosen career after graduation!

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| **Vocabulary** | **meaning** |
| detect | discover or identify the presence or existence of. |
| gene editing | the manipulation of the genetic material of a living organism by deleting, replacing, or inserting a DNA sequence |
| undergraduate students | a student who is studying for their first degree at a college or university |
| a vast array | a large number or wide range of something |
| research facilities | buildings and structures, including machinery and equipment, used or to be used primarily for research or experimentation |
| field work | the gathering of information about something in a real, natural environment, rather than in a place of study such as a laboratory or classroom |
| funding | money provided, especially by an organization or government, for a particular purpose. |
| a wide range | a large number or vast array of something |
| diagnose | identify the nature of (an illness or other problem) by examination of the symptoms. |
| encouraging | giving someone support or confidence; supportive. |

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