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Група № Е-1

Урок № 101-102

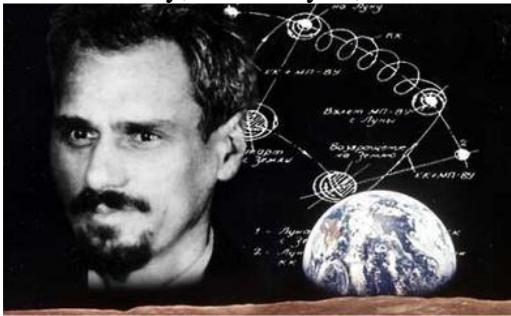
Тема уроку: **«YURI KONDRATYUK AND THE MOON»**

Мета уроку: Ознайомити здобувачів освіти з граматичним матеріалом; вивчити нову лексику; узагальнити знання граматичного матеріалу.

Матеріал уроку:

1. Прочитайте та перекладіть текст.

In the domain of cosmic research Ukraine's contribution is represented by many illustrious names among which one of the first belongs by right to Yuri Vasylyovich Kondratyuk (Shargey) (1897-1941). He stands in the constellation of such outstanding scientific figures as K. Tsiolkovsky, V. Vernadsky, S. Korolyov, and others.



He was born on the 21th of June, 1897 in Poltava. The dramatic circumstances of his life made him live under an assumed name and world fame came to him many years after this pioneer in working out rocket engineering and the theory of cosmic flights had left the Earth for ever.

After finishing the 2-nd Poltava gymnasium he entered St. Petersburg University in 1916. 1918-1925 he worked in Ukraine, in Poltava, Kiev and some smaller towns, and since 1925 in the Northern Caucasus. In 1927 he moved to Novosibirsk where his occupation was projecting elevating gears. In the 30th he worked in Kharkiv at the Ukrainian Research Institute of Industrial Energetic. He stood at the head of the group of scientists whose task was designing and constructing a huge Crimean wind-power station. Working in Moscow before the war he devoted much time to energetic problems. It is a well-known fact that in building the Ostankino teletower, specialists used Kondratyuk's workings out of reinforced towers construction and wind-power technique. Kondratyuk is often referred to as Ukrainian Tsiolkovsky for his main scientific interests lay in solving the problems of cosmonautics, cosmic flights and constructing the interplanetary spaceships. In working at these problems as well as many others he toiled independent of K. Tsiolkovsky who knew Kondratyuk's works and approved of his ideas.

On July 21, 1969 the first flight to the Moon, the age-long dream of humanity, was realized by three American astronauts – Neil Armstrong, Michael Collins and Edwin Aldrin. The first steps on the surface of the Moon were made by Neil Armstrong who was joined 20 minutes later by Edwin Aldrin. This Apollo Moon flight and landing, as admitted by world's scientists, including Americans, would have been impossible without Y. Kondratyuk's solving a number of problems.

In Y. Kondratyuk's works a number of new solutions were found pertaining to the development of cosmonautics: rocket dynamics, rocker building and cosmic system creation. His scientific merits were not duly appreciated during his lifetime and his untimely death at the front prevented the great scientist and engineer from realizing his gift and talent to the full. A crater on the back side on the Moon was named after Yuri Kondratyuk. Y. Kondratyuk's ideas have brought our country world fame, their influence has not been lost up to now and will serve generations to come.

2. Дати відповіді на запитання (письмово)

1. Who represents Ukraine's science in cosmic research?
2. What outstanding scientists carried out research on cosmic flights?
3. Where was Kondratyuk born?
4. Where did he get his education?
5. What problems was Kondratyuk concerned with in Kharkiv?
6. What did Tsiolkovsky think of Kondratyuk's ideas of cosmonautics?
7. When were the first steps on the Moon made?
8. Were Kondratyuk's merits appreciated during his life?

3. Доповнити речення згідно до тексту (письмово)

1. ...1897 in Poltava.
2. 1918-1925 he worked in...
3. He stood at the head of the group...
4. ...construction and wind-power technique.
5. Y. Kondratyuk is often referred to as Ukrainian Tsiolkovsky...
6. ...Neil Armstrong, Michael Collins and Edwin Aldrin.
7. ...without Y. Kondratyuk's solving a number of problems.
8. Y. Kondratyuk's ideas have brought...



***Підготуватися до підсумкової контрольної роботи та заліку з предмету «Іноземна мова за професійним спрямуванням».**

Усі виконані завдання надсилайте на електронну адресу gr.ev@ukr.net з підписом у темі листа «ПБ, № групи та назва навчальної дисципліни»