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Предмет: Английский язык
Класс: 10 класс
Раздел: Organic and non-organic worlds
Тема: Organic food and non-organic food. Vertical farming.

Learning objective(s) that these lessons are contributing to	-use feedback to set personal learning objectives - recognise the attitude or opinion of the speaker(s) in unsupported extended talk on a wide range of general and curricular topics, including talk on a limited range of unfamiliar topics and curricular topics - understand main points in extended texts on a wide range of familiar and some unfamiliar general and curricular topics - explain and justify their own and others' point of view on a range of general and curricular topics - use a growing range of vocabulary, which is appropriate to topic and genre, and which is spelt accurately
Lesson objectives	All learners will be able to: -predict possible answers before reading - read the text and fill in the gaps - add new words to vocabularies
Lesson objectives	Most learners will be able to: -read and fill in the gaps -Work in groups
Lesson objectives	Some learners will be able to: □ make up questions about the article
Language objective	To contribute to the development of writing and reading skills
Value links	Respect, Cooperation, Digital Learning/21st Century Skills
Cross curricular links	Biology, Chemistry
ICT skills	Smart board for presenting a PPT and video
Previous learning	Organic and non-organic food
Kazakh culture	Organic food in Kazakhstan
Pastoral care	To create a friendly atmosphere for collaborative work

Ход урока

Этапы урока	**Запланированная деятельность на уроке**	**Ресурсы**
Orientation (2 min (W))	Lesson Objectives □ practice skills in identifying the author's view and purpose and expressing your point of view; □ discuss and present the advantages and disadvantages of vertical farming and organic and non-organic food. □ Students will compare organic and bon-organic farming □ Students will define benefits of organic farming □ predict possible answers before listening □ add new words to vocabularies □ listen and fill in the gaps □ make cluster and cinquain	PPP Slide 1-2
Warm-up (3 min)	Students share the ideas they associate with the saying 'You are what you eat!'. Students are informed on the topic of the lesson.	PPP Slide 3

Этапы урока	Запланированная деятельность на уроке	Ресурсы
presentation (5 min (I) 7 min(I))	Project «Organic and Non-Organic Worlds» Students are divided into 2 groups by the cards with words organic/non-organic and get acquainted with assessment criteria: Your groups name Criterion 1 Sayings Criterion 2 True /false Criterion 3 Cluster Criterion 4 Cinquain Total points 1 1 2 2 3 3 Students watch the video connected with the topic. 1) Inside the former tag arena is about 450 kinds of leafy greens. 2) The root misting system allows using 95 % less water. 3) Instead of the sun there are rows of specialized LED lighting. 4) Vertical farming could not feed overpopulated cities. 5) They also would cut greenhouse emissions by eliminating the need to transport food over short distances. 1-false 2-true 3-true 4-false 5-false	Slide 9-11 This Farm of the Future Uses No Soil and 95% Less Water.mp4
Reading (7 min (P))	Pre-Reading Tell students that they are going to read an article about vertical farming. Get them discuss these questions: • What do you think a vertical farm is? • How does it work? While-Reading Choose and fill in the gaps the sentences A-H Answers: 1) C 2) F 3) H 4) E 5)G 6)A 7) B After-Reading Students make cluster in groups.	**Note: Now you can check the answers written on the PPP. Slide 13
Group work: (7min (Gr))	Sayings about food: Food is an important part of a balanced diet. Let food be our medicine and medicine be our food. Main idea 1: Use your windows to grow fruit and vegetables like tomatoes, peppers and strawberries. Main idea 2: Convent the roof of your block of flats into a garden or the idea of vertical farming	5e05a843b23ed.png Image not found or type unknown
Reflection (3 min (Gr))	Students write cinquain: Virtual Farming.	5e05a86d397d8.png Image not found or type unknown
Feedback (4 min (I))	Students at the end of the lesson write about organic and non-organic food, vertical farming any interesting information they could have learnt during the last two lessons. Students take sheets of papers and give feedback.	Students’ Feedback Slide 15