

LESSON PLAN

SEPTEMBER 2018

CHINA LEADS THE WAY IN GENE EDITING



VOL 13 ISSUE 5

A2

ELEMENTARY

Stages	Procedure	Time
Objectives	<ol style="list-style-type: none"> 1. To practice <ol style="list-style-type: none"> a. scanning skills b. skimming skills c. guessing the meaning in context 	
Warmer	<p>Teacher plays the video (stop at 1.08min) https://www.youtube.com/watch?v=5MQdXjRPHmQ</p> <ol style="list-style-type: none"> 1. Teacher asks questions. (What is the video about? How many genes were mentioned in the video?) 2. Teacher elicits feedback. 3. Teacher introduces the topic of the day. 	4 mins
Pre-reading	<ol style="list-style-type: none"> 1. Teacher instructs students to turn to pages 18-20 and look at the title and the pictures. 2. Teacher asks students what is happening in the hospitals in China. 	10 mins
While-Reading	<ol style="list-style-type: none"> 1. Teacher writes 5 words on the board. therapy trials encouraging rashes prolong 2. Teacher instructs students to read pages 18-20 silently and underline the words listed. 	
Post-reading	<ol style="list-style-type: none"> 1. Teacher distributes Task 1 and asks students to match the meaning for the given words. 2. Teacher elicits answers from students. 3. Teacher gets students to complete Task 2. 4. Teacher elicits answers. 5. Teacher distributes Task 3 and instructs students to do in pairs. 6. Teacher elicits answers. 7. 	10 mins
Wrap	<ol style="list-style-type: none"> 1. Teacher does a concept check of the lesson 	5 mins

TASK 1

Match the underlined word to the right meaning

- | | | |
|----------------|---|---|
| 1. therapy | ● | ■ a. red spots on a person's skin |
| 2. trials | ● | ■ b. giving someone support, confidence or hope |
| 3. encouraging | ● | ■ c. to make something last longer |
| 4. rashes | ● | ■ d. tests |
| 5. prolong | ● | ■ e. treatment for sickness |

TASK 2

Fill in the blanks with correct words from Task 1

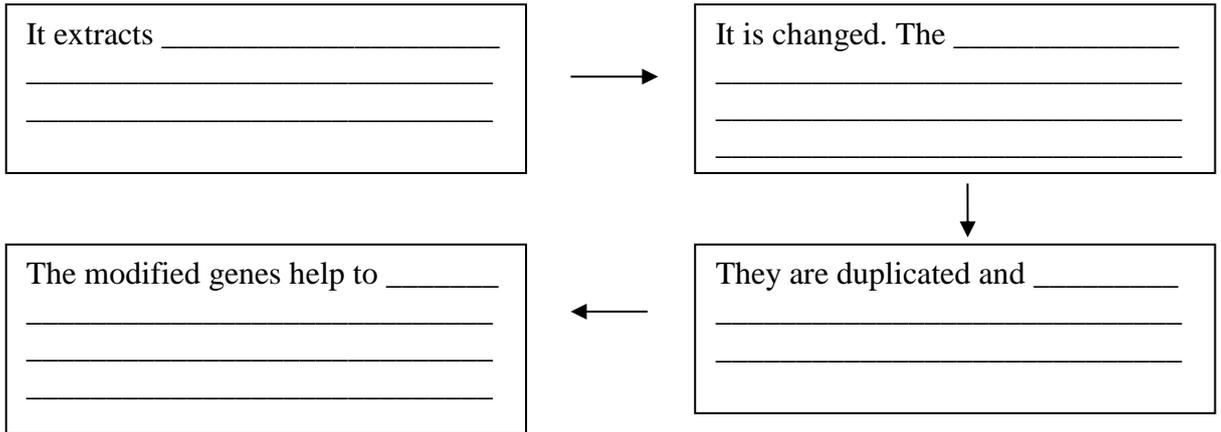
1. Her children have been sick with _____ after eating those nuts.
2. Rob was in _____ for several years due to his lung cancer.
3. The operation could _____ his life by two or three years.
4. Scientists are carrying out _____ to evaluate the safety of medications.
5. The _____ smiles they gave me made me felt less nervous.

TASK 3

Answer the following questions in complete answers

1. Why have the doctors given the cancer patient a few months to live?

2. What is gene therapy?



3. At the moment, how many hospitals in China are carrying out trials with gene therapy?

4. What are the only side effects of gene therapy?

5. Why has China made research in gene therapy a top priority?

Answers

Task 1

1. e
2. d
3. b
4. a
5. c

Task 2

1. rashes
2. therapy
3. prolong
4. trials
5. encouraging

Task 3

1. He has cancer of the lungs and has gone through chemotherapy and radiation therapy but the cancer keeps coming back.
2. gene from the patient
bad parts in the gene are taken away and replaced with good parts
intravenously fed back to the patient
fight the cancer in the patient's body and stop it from growing.
3. At least eight different hospitals are carrying out trials with gene therapy.
4. The only side effects of gene therapy are fevers and rashes.
5. This is because if it is successful, it could make China a top medical destination for sick people from all over the world.