

4 Eat it up

Reading reading for detail; multiple choice with one text

- 1 Read the Exam Reminder. How can we understand a key word better?

Exam REMINDER

Reading for detail

- When a question asks about a detail in the text, underline the key word in the question.
- Read the text and find the key word, or words with the same meaning.
- When you find a key word, read the text before and after it. Make sure you understand the meaning.
- Look at the answer options for the question. Which is the best answer?

- 2 Now read the text and complete the Exam Task.

Exam TASK

Multiple choice with one text

For each question, choose the correct answer.

- The article is mainly about
 - growing plants with lights.
 - saving water.
 - a new way of growing food.
- What problem do traditional farms have?
 - The farms are too small.
 - They can only sell one type of fruit and vegetable.
 - It can be difficult to find farm workers.
- On vertical farms, where do the plants grow?
 - on shelves in big fields.
 - in special buildings.
 - in hot places.
- Why do farmers look at photos of the plants?
 - to check when to change the lights
 - to check how healthy the plants are
 - to check that the plants always receive water
- The article concludes that in the future people will
 - think more about nature.
 - stop eating meat.
 - only eat food from vertical farms.

future farms

Scientists believe that the number of people in the world – the population – will be about 10 billion by 2050. That's a lot of people! How will we have enough food for everyone to eat? There are some big problems with farms today. Traditional farms need a lot of land and use a lot of water, and this means many problems for nature. Plus, farmers can only grow food when it is the right time of the year, and they often grow just one kind of fruit or vegetable. And then it is not always easy to find farm workers to pick it when it is ready. People know that the way we grow food – and what we eat – needs to change. But how will this happen?

One idea is *vertical farming*. Instead of growing fruit and vegetables in large fields that need good weather and use a lot of water, scientists are making farms inside buildings. These farms grow fruit and vegetables on many shelves. Farmers put special lights near the plants. The lights aren't very hot, they don't need much electricity and farmers don't need to change them very often. The plants also receive water, but they only get the water that they need, when they need it. This is because cameras take photos of the plants. The photos go into computers that tell the farmers how well the plants are growing and how much light and water they need. All this means that farmers can grow more food in a short time and in good and bad weather.

Customers are going to become much more careful about the food that they buy in the future. People will probably eat less meat and they will want to choose food that is good for nature. Perhaps vertical farming will be the solution.