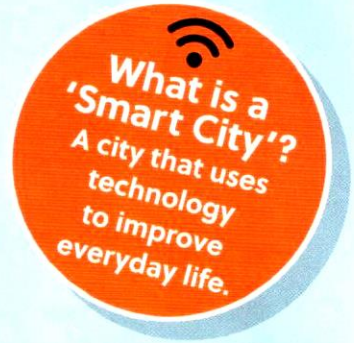


F POLLUTION 14:00

Jennifer has a P.E. lesson. She can breathe easily thanks to a smart idea about air pollution. Her school building is green. It's covered in algae, a tiny plant. This special algae eats carbon dioxide from the air, so it's less polluted.

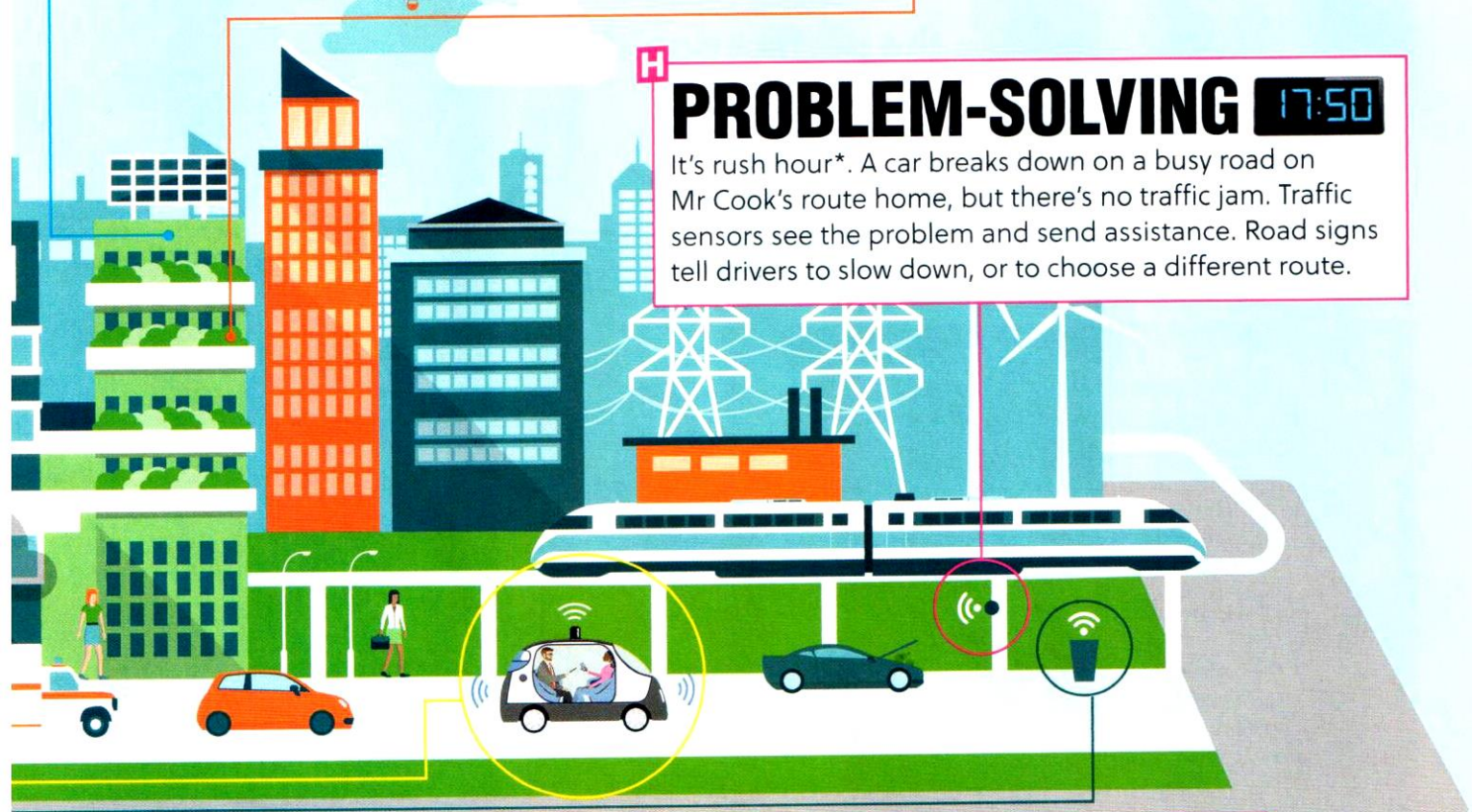
G FOOD 15:30

After school, Jennifer gets a healthy snack. She buys city-grown fruit and vegetables! Now, crops* are grown in smart farms inside the city and on the side of office and school buildings!



H PROBLEM-SOLVING 17:50

It's rush hour*. A car breaks down on a busy road on Mr Cook's route home, but there's no traffic jam. Traffic sensors see the problem and send assistance. Road signs tell drivers to slow down, or to choose a different route.



Creative Thinking

SMART CITY SOLUTIONS

Work in groups. Think of a problem with modern life in a city and write a business plan to fix it. Talk about:

- Your company name.
- What problem will your company fix?
- How will you fix the problem?
- How will this help citizens?
- How much will it cost?

Comprehension Check

HOW WILL IT HELP?

Read about the smart city.

Write the correct letter in each box:

1. This will stop litter and rats on the streets.
2. This will save petrol.
3. This will limit traffic delays.
4. It will be easier and safer to pay for your lunch.
5. Food will be local and cheaper.
6. This will give the city cleaner, less polluted air.

DISCUSS IT

- Would you like to live in a smart city in the future?
- What are the best things about life in smart cities? What are the worst things? **Examples:** *You won't waste time. / What happens if the information system goes down?*



LISTEN

Track 2: Listen to a report from a smart city.
www.mg-plus.net/audio



WATCH

A video about city life
www.mg-plus.net/videos



PRACTISE

Online Learning Unit on this article
www.mg-plus.net/languagelab

WORDWISE * **efficient (adj):** quick, easy and useful – it saves money / time / energy * **pleasant (adj):** nice * **to plug in (v):** to connect to a power source * **to charge (v):** to give something energy * **sensor (n):** a device that measures something and responds to it * **crops (n):** the plants on a farm that make food, fruit and vegetables * **rush hour (n):** the busiest time to travel