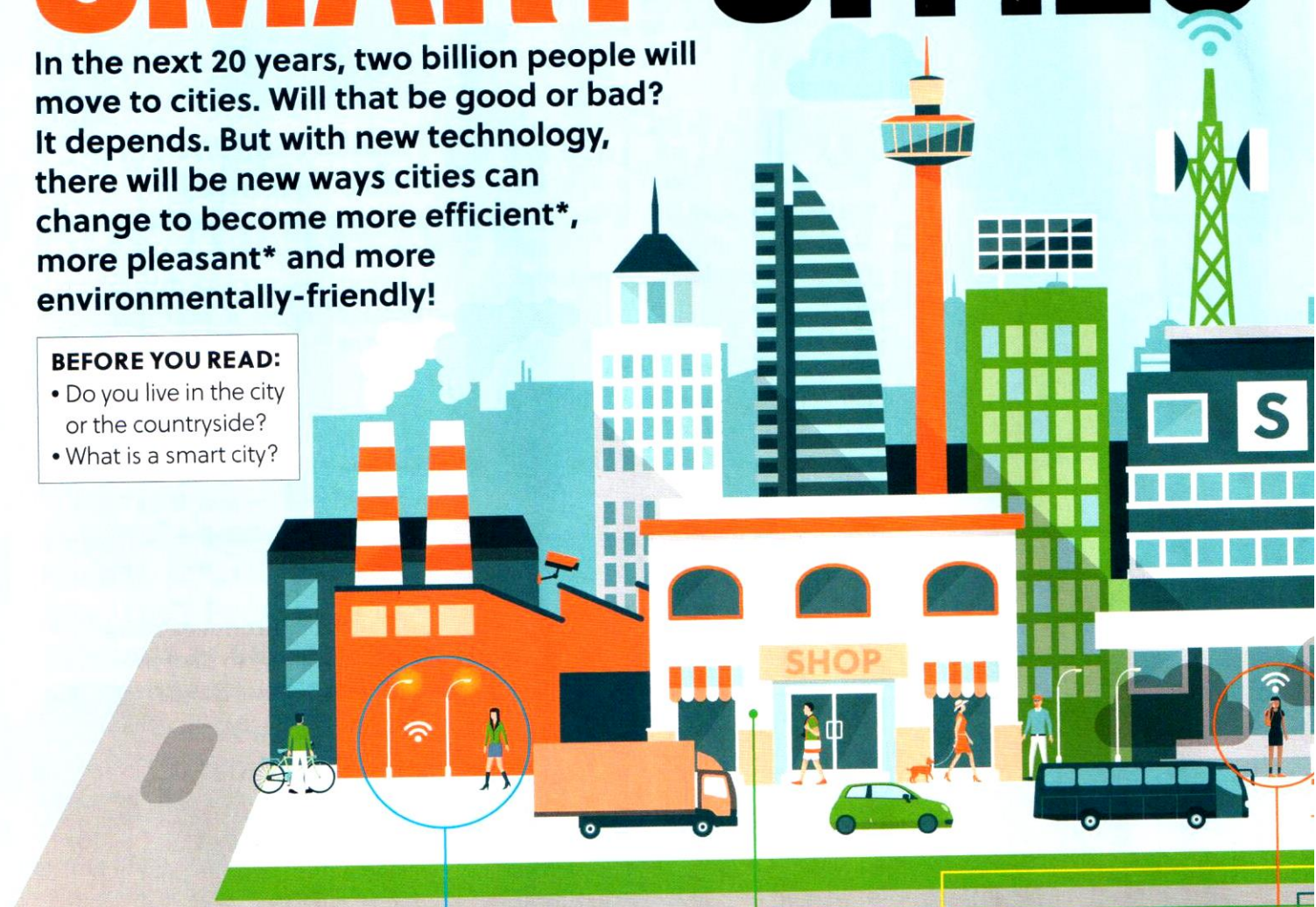


SMART CITIES

In the next 20 years, two billion people will move to cities. Will that be good or bad? It depends. But with new technology, there will be new ways cities can change to become more efficient*, more pleasant* and more environmentally-friendly!

BEFORE YOU READ:

- Do you live in the city or the countryside?
- What is a smart city?



It's 2025. TEAM spends the day in a smart city with the Cook family.

A LIGHTING 06:45

Mrs Cook leaves for work early in the morning. When she walks down the road, the street lights will switch on. When she's gone, they'll switch off again. This saves energy and stops light pollution.

B DRIVING 07:45

Mr Cook drives to work. In fact, the electric car drives him to work. Why? It's a driverless car! And he doesn't have to plug* it in! Why? The road charges* his car as he drives!

C HEALTH 08:15

Jennifer Cook is leaving for school. She has an allergy. Pollen sensors* tell her phone when the air quality is bad and when to take her medicine.

D RUBBISH 08:20

Jennifer Cook eats a protein bar on the way to school. She puts the wrapper in the bin. The bin is full. A sensor in the bin tells the waste management company to come and empty it.

E SHOPPING 13:15

Mrs Cook goes shopping in her lunch break. She doesn't use any cash or a card. She can pay with her fingerprint or face!