

BEFORE YOU READ...

Exercise 1 – Match each word to its definition (souligne de la même couleur pour plus de visibilité)

Efficient (adj)

The busiest time to travel.

pleasant (adj)

To connect to a power source.

to plug in (verb)

A drug or herb used to maintain health or treat a health issue.

to charge (verb)

The plants on a farm that make food, fruit and vegetables.

sensor (noun)

Nice.

crops (noun)

To give something energy.

rush hour (noun)

To reduce speed.

a medicine (noun)

A device that measures something and responds to it.

breathe (verb)

To take air into the lungs and expel it.

to slow down (verb)

Quick, easy, and useful.

a traffic jam (noun)

Information for drivers

a road sign

Stationary or very slow-moving vehicles, caused by roadworks, an accident, or heavy congestion.

Exercise 2 – Look at the pictures on the document. Answer this question.

What is a smart city ? it's a city that uses technology to improve every day life.

pour améliorer (to + V)

Imagine 2 things that will be different in our daily life in 2025.

There will be more pollution so it will be more difficult for us to breathe (negative)

Everything will be connected (smart houses, smart cars...) so our every day life will be easier and more efficient than today.

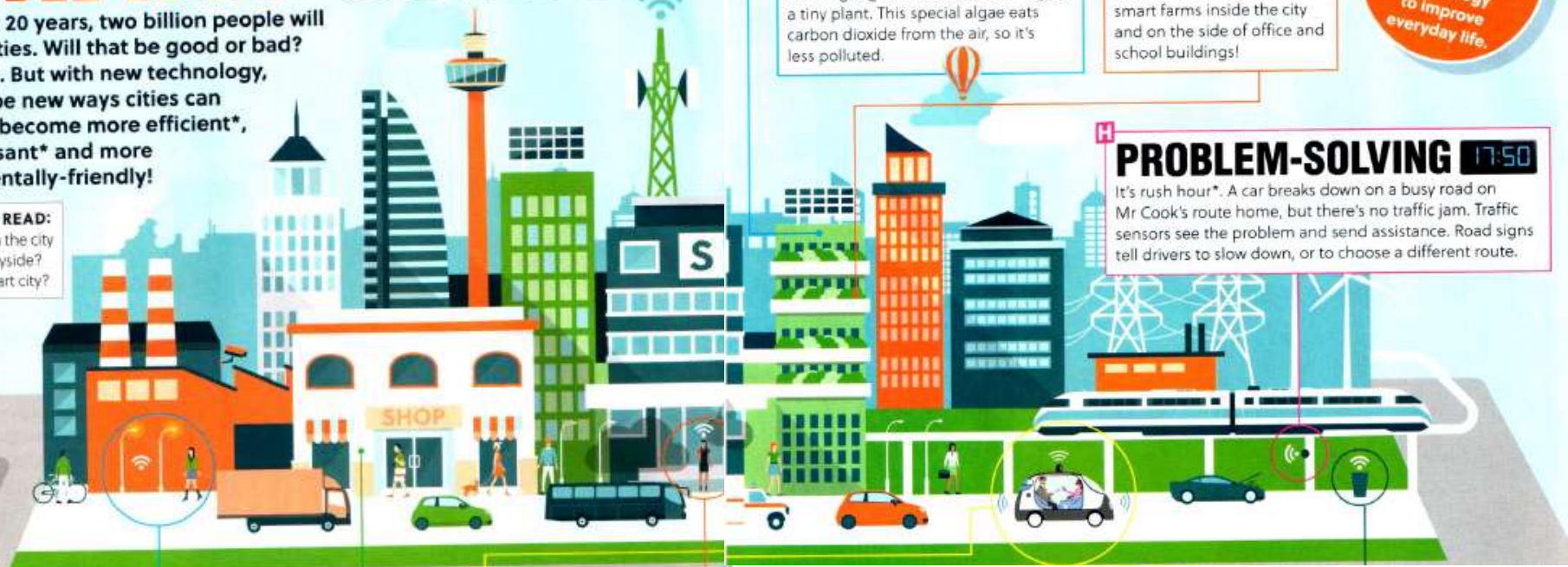
comparatifs : more + adjectif long + (than)
adjectif court + -er + (than)

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!

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!

What is a 'Smart City'?
A city that uses technology to improve everyday life.

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.

READING COMPREHENSION

Exercise – Read about the smart city. Write the correct letter in each box. Explain.

	Letter?	Explain what will cause this. What will be different in the future? (cite le texte)
1.This will stop litter and rats on the streets > cela arrêtera les déchets et les rats dans les rues.	D	" a sensor in the bin tells the waste company to empty it" >un capteur dans la poubelle dit aux éboueurs de la vider
2.This will save petrol. > Cela économisera de l'essence.	B	" electric car" + "the road charges his car when he drives" voiture électrique la route recharge sa voiture quand il conduit
3.This will limit traffic delays. > Cela limitera les retards dûs à la circulation routière.	H	"sensors see the problem" + "road signs tell drivers to slow down or choose a different route" capteurs voient le problème panneaux de circulation disent aux conducteurs de ralentir ou choisir une autre route
4.It will be easier and safer top pay for your lunch. > ce sera + facile et + sécurisant de payer pour votre repas.	E	"she can pay with her fingerprints or face" Elle peut payer avec la reconnaissance digitale ou faciale
5.Food will be local and cheaper. > La nourriture sera locale et moins chère.	G	"crops are grown in smart farms inside the city" On fait pousser les cultures dans des fermes intelligentes à l'intérieur de la ville
6.This will give the city cleaner, less polluted air. > Cela donnera à la ville un air plus pur et moins pollué.	F	"building...covered in algae...this special algae eats carbon dioxide from the air" bâtiment...recouvert d'algues....cette algue spéciale mange le dioxyde de carbone de l'air

DISCUSS

What are the best things about life in smart cities ?

I think the best things are the smart bins to make cities cleaner but also the less polluted air, thanks to the electric cars and the "green" buildings.
We will breathe better.

What are the worst things ?

What will happen if the information system goes down ?

Would you like to live in a smart city ? Why ?

(Utilise l'expression de l'opinion, du goût et explique en t'appuyant du texte)

Yes, I would like to live in a smart city because life will be easier and we won't waste time.

Robots and sensors will help us, so our life will be more pleasant.

Pollution will be reduced so we will breathe better.