

Sequence 1.



My city in 2050

Context: You take part in an eTwinning project with Norway and, as part of a competition, you are asked to present your ideal eco-friendly city in 2050, using a support of your choice: What characterizes it and differentiates it from the cities of the world today ?

Mission: Once in Norway, you present your city of 2050.

Activités langagières : Expression orale en continu

Descripteurs correspondants : Peut faire une description et une présentation détaillée sur un sujet relatif à ses intérêts

Niveau : B1

Critères d'évaluation :

- | | |
|--|----|
| - Parler en continu | /5 |
| - Langue et prononciation | /5 |
| - Richesse de la langue | /5 |
| - Qualité de la recherche et des idées proposées | /5 |



STEPS TO THE MISSION


- ✓ 1 : Describing a photo and introducing some vocabulary
- ✓ 2 : Let's play to learn more vocabulary
- ✓ 3 : Understanding a written document about future cities
- ✓ 4 : Understanding a video about sustainable solutions
- ✓ 5 : Discussing about things to do to protect the Earth ...
- ✓ 6 (mission) : Let's present our city for 2050



Sequence 1. My city in 2050

Step 1. Describing a photo and introducing some vocabulary

EOC-B1 : peut décrire une image en donnant des détails et en utilisant des mots de liaison courants et donner son opinion.
EOI-B1 : Peut fournir de simples explications et arguments. Peut exprimer son opinion.
EE-B1 : Peut écrire des textes articulés simplement sur un sujet relatif à ses intérêts.
Méd/Coop-B1 : peut participer à la réalisation d'une tâche commune simple.

Task 1. In groups, observe and describe your picture. 

Title of the document	
City, Country	
Date	
What you see	
What is different from the cities of today	
Your impressions, opinion about this picture	

Task 2. Let's discuss the topic. 



Which city is the most futuristic?

Which city is the most eco-friendly?

What renewable energies do you know ?

Which city has the best design?

Which city is the least beautiful?

Which ideas would you keep for your own city of 2050?

Task 3. Write a few lines about these pictures, using the questions above. 

.....

.....

.....

.....

.....



WORDBOX :

- a neighbourhood : un quartier
- buildings : des immeubles
- trees : des arbres
- green spaces : des espaces verts
- futuristic : futuriste
- eco-friendly : respectueux de l'environnement
- to be covered with : être recouvert de
- concrete : du béton
- steel : de l'acier
- natural : naturel
- renewable energies : énergies renouvelables

Title : Vincent Callebaut's 2050 Vision of Paris as a "Smart City"

Source : <https://www.archdaily.com/585254/vincent-callebaut-s-2050-parisian-vision-of-a-smart-city>



future for London by 2050

Source : <https://www.watg.com/london-national-park-city-green-block/>

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- renewable energies : énergies renouvelables

Title : Planning a greener



WORDBOX :

- buildings : des immeubles
- skyscrapers : des gratte-ciels
- wind towers : des tours éoliennes
- trees : des arbres
- green spaces : des espaces verts
- futuristic : futuriste
- eco-friendly : respectueux de l'environnement
- to be covered with : être recouvert de
- concrete : du béton
- steel : de l'acier
- renewable energies : énergies renouvelables

Title : Shanghai in 2050 partially powered by wind towers

Source : <https://super-radical.com/shanghai/>



WORDBOX :

- marshes : des marais, marécages
- a neighbourhood : un quartier
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- steel : de l'acier
- natural : naturel
- renewable energies : énergies renouvelables
- roads : les routes

Title : NYC in 2050 by Walmir Luz

Source : <https://www.businessinsider.com/what-new-york-city-will-look-like-in-2050-2016-7?r=US&IR=T>



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- renewable energies : énergies renouvelables

Title : Vincent Callebaut Architectures' Plans for Eco-Neighbourhood in Brussels, 2050.

Source : <https://www.archdaily.com/803549/vincent-callebaut-architectures-plans-for-eco-neighbourhood-in-brussels>



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- renewable energies : énergies renouvelables

Title : Vincent Callebaut's Eco-Neighborhood Produces Energy in Dehli, India, 2050.

Source : <https://www.archdaily.com/782603/vincent-callebauts-hyperions-eco-neighborhood-produces-energy-in-india>

Sequence 1. My city in 2050

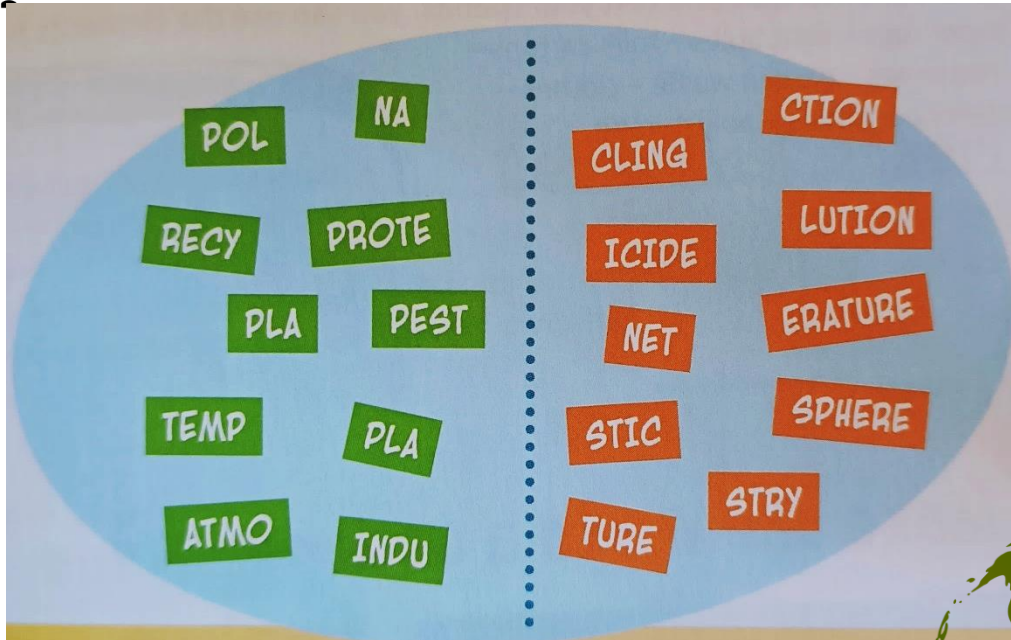
Step 2. Let's play to learn more vocabulary

EOI-B1 : Peut fournir de simples explications et arguments. Peut exprimer son opinion.

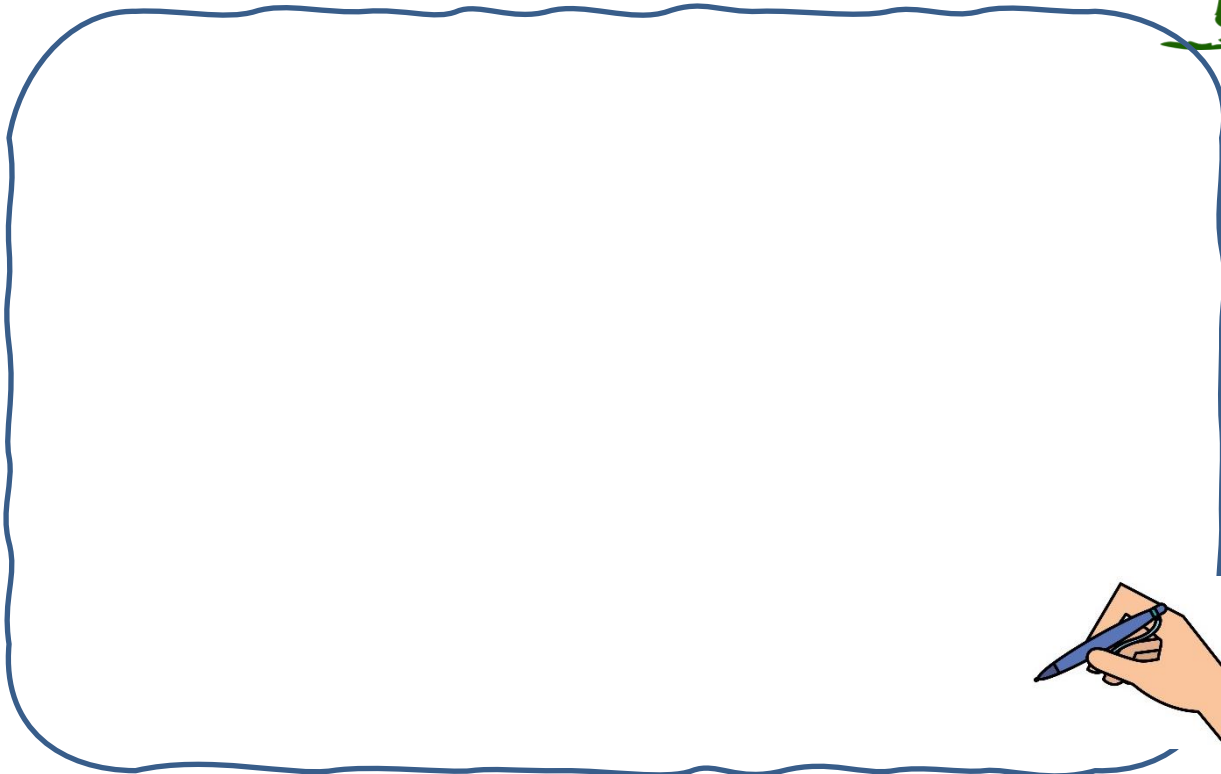
Méd/Coop-B1 : peut participer à la réalisation d'une tâche commune simple.

CE-B1 : Peut lire de courts textes avec un niveau satisfaisant de compréhension.

Task 1. In groups, match the beginnings and the endings. Find as many transparent words as you can.



Task 2. Let's recap the words.



Task 3. Highlight the sentences describing the ways we have to slow down climate change and complete the word box.



- Reduce your water consumption
- Travel by plane
- Have 2 cars at home
- Power your home with renewable energy
- Invest in energy-efficient appliances
- Cut down trees in the forests
- collect food in a compost bin
- use a lot of papers
- buy better light bulbs
- Drive hybrids and fully electric vehicles
- buy products with plastic packaging
- eat more meat

- Use public transport
- Drink more water
- Eat less meat
- Go Vegan
- Install more electrical appliances in your house
- Recycle
- Don't take the plane
- Walk a lot
- Use fossil fuels instead of renewable energies
- Respect and protect green spaces
- Avoid Plastic



WORDBOX

- Consommation d'eau :
- Les énergies renouvelables :
- Des appareils à haute efficacité énergétique :
- Couper les arbres :
- Des ampoules :
- Des voitures électriques :
- Des emballages plastiques :
- La viande :
- Les transports publics :
- Végétarien / végétalien :
- Recycler :
- Marcher :
- Les énergies fossiles :
- Les espaces verts :



Task 3. Colour in green the sentences describing the ways we have to slow down climate change and complete the wordbox.



Reduce your water consumption

Travel by plane

Have 2 cars at home

Power your home with renewable energy

Invest in energy-efficient appliances

Cut down trees in the forests

collect food in a compost bin

use a lot of papers

buy better light bulbs

Drive hybrids and fully electric vehicles

buy products with plastic packaging

eat more meat



Use Public Transportation

Drink more water

Eat less meat

Go vegetarian or vegan

Install more electrical appliances in your house

Recycle

Don't take the plane

Walk a lot

Use fossil fuels instead of renewable energies

Respect and protect green spaces

Avoid Plastic



WORDBOX

- Consommation d'eau : water consumption
- Les énergies renouvelables : renewable energies
- Des appareils à haute efficacité énergétique : energy-efficient appliances
- Couper les arbres : to cut down trees
- Des ampoules : light bulbs
- Des voitures électriques : electric vehicles
- Des emballages plastiques : plastic packaging
- La viande : meat
- Les transports publics : public transport
- Végétarien / végétalien : vegetarian / vegan
- Recycler : to recycle
- Marcher : to walk
- Les énergies fossiles : fossil fuels
- Les espaces verts : green spaces

Task 4. Read the definitions and write the word/expression that is described by the definition.



Fossil fuels - Renewable energies - Rising sea-level - Polar ice caps - Vegetarian - Vegan -
 Carbon footprint - Sustainable living - Earth hour - Energy-efficient -
 Global warming - Deforestation - Wind turbines - Greenhouse gases

Definition	Word
They turn wind energy into electricity.	
Energy from a source that is not depleted when used, such as wind or solar power.	
Gases in the atmosphere that have an influence on the earth's energy balance : carbon dioxide (CO2) is an example.	
Reduction of forest areas.	
Increase in the height of the sea due to melting ice caps.	
A gradual increase in the earth's temperature due to the greenhouse effect caused by increased levels of carbon dioxide.	
Adjective to describe something that uses little energy.	
The amount of carbon dioxide a person's activities produce.	
Someone who doesn't consume any animal products.	
Area of land on earth that is covered with ice.	
Using renewable energies without creating waste.	
One hour, every year, when people worldwide turn off electric appliances.	
Someone who doesn't eat meat.	
This is a collective term for coal, petroleum and gas.	



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Definition	Word
They turn wind energy into electricity.	Wind turbines
Energy from a source that is not depleted when used, such as wind or solar power.	Renewable energies
Gases in the atmosphere that have an influence on the earth's energy balance : carbon dioxide (CO2) is an example.	Greenhouse gases
Reduction of forest areas.	Deforestation
Increase in the height of the sea due to melting ice caps.	Rising sea-level
A gradual increase in the earth's temperature due to the greenhouse effect caused by increased levels of carbon dioxide.	Global warming
Adjective to describe something that uses little energy.	Energy-efficient
The amount of carbon dioxide a person's activities produce.	Carbon footprint
Someone who doesn't consume any animal products.	Vegan
Area of land on earth that is covered with ice.	Polar ice caps
Using renewable energies without creating waste.	Sustainable living
One hour, every year, when people worldwide turn off electric appliances.	Earth hour
Someone who doesn't eat meat.	Vegetarian
This is a collective term for coal, petroleum and gas.	Fossil fuels



Sequence 1. My city in 2050

Step 3. Understanding a written document about future cities

CE-B1 : Peut lire un document d'actualité avec un niveau satisfaisant de compréhension
EOC-B1 : peut répondre à des questions simples. Peut résumer un article
EE-B1 : Peut écrire des textes articulés simplement. A un bon contrôle grammatical.

Task 1. Read the text and answer your teacher's questions orally.



BBC News, 17 Feb. 2013.

Imagine a city of the future. Do you see clean streets, flying cars and robots doing all the work?

No-one really knows what the future holds, but the reality now is that our urban spaces are overcrowded and polluted. The time is good, say experts, to start designing smarter urban environments.



Sustainability experts predict carbon-neutral cities full of electric vehicles and bike-sharing projects, with better air quality. Visions of a green city often include the highest skyscrapers where living and office space compete with floating greenhouses or high-rise vegetable areas and green roofs. In Madrid there is a project to have citizens adopt a tree, to make them more aware of environmental needs.

Jane Wakefield, "How will our future cities look?", BBC, 2013.

Task 2. Answer the questions, in French.

1. Présentez le document.

.....
.....

2. Quel est le problème de nos villes actuellement ?

.....

3. Qu'est-ce qu'il est donc temps de faire ?

.....

Sequence 1. My city in 2050

Step 3. Understanding a written document about future cities

CE-B1 : Peut lire un document d'actualité avec un niveau satisfaisant de compréhension

EOC-B1 : Peut résumer un bref récit/un article et répondre à des questions de détail.

EOC/EE-B1 : peut répondre à des questions simples concernant des chiffres, dates, lieux et informations simples

Task 1. Read the text and answer your teacher's questions orally.



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No-one really knows what the future holds, but the reality now is that our urban spaces are overcrowded and polluted. The time is good, say experts, to start designing smarter urban environments.



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Jane Wakefield, "How will our future cities look?", BBC, 2013.

Task 2. Answer the questions, in French.

1. Présentez le document.

Ce texte est un article publié sur le site BBC le 17 février 2013 et écrit par Jane Wwakefield. Il s'intitule "How will our future cities look?"

2. Quel est le problème de nos villes actuellement ?

Elles sont surpeuplées et polluées

3. Qu'est-ce qu'il est donc temps de faire ?

Il est temps de commencer à concevoir des environnements urbains plus intelligents.

TEXTE “How will our future cities look?”

Task 1. QUESTIONS PROFS A POSER A L'ORAL

- 1) What type of document is it ? a press article
- 2) Can you present the document ? The document is an article published on the BBC website in February 2013. It's entitled How will our future cities look? and it was written by Jane Wakefield.
- 3) What is the topic of this article ? it's about how the city must now have to be greener and ideas of how to do that are given in the text.
- 4) What is greenification ? Greenification is about making the cities greener
- 5) Can you pick out “green” ideas in the text ? Green ideas: clean streets, carbon-neutral, electric vehicles, bike-sharing, better air quality, floating greenhouses, green roofs, vegetable areas, adopt a tree.

Sequence 1. My city in 2050

Step 4. Understanding a video about sustainable solutions

CO-B1+ : Peut comprendre une information factuelle directe sur des sujets ou relatifs au travail en reconnaissant les messages généraux et les points de détail, à condition que l'articulation soit claire et l'accent courant.

<https://www.youtube.com/watch?v=ViJJh-BNg8> de 1'04 à 6'32

Task 1. Watch the video and take notes. 

Transport

Cities and places mentioned :

Figures mentioned :

Information I understand :

Green spaces

Cities and places mentioned :

Figures mentioned :

Information I understand :

Energy

Cities and places mentioned :

Figures mentioned :

Information I understand :

Food production

Cities and places mentioned :

Figures mentioned :

Information I understand :

Waste

Cities and places mentioned :

Figures mentioned :

Information I understand :

<p>Transport</p>	<p>Create access to affordable and sustainable public transport options and create safer spaces for cyclists</p>	<p>Gothenburg, Sweden</p> <p>Portland, Oregon, USA</p> <p>Amsterdam and Copenhagen</p>	<p>Boasting travel by buses, trains, trams and boats 65% of the transport use renewable energy 200 electric buses serving 34 different routes across the city as well as electric ferries electric refuse trucks</p> <p>250 miles of bike paths 25% of city workers commute by bike, carpool or public transport 8% of population cycle for transport</p> <p>Known for their sustainable transport options</p>
<p>Green spaces</p>	<p>It is vital to find a way to improve air quality by providing green spaces such as parks, ponds and woodlands</p> <p>Green spaces also provide a habitat for wildlife leading to more biodiversity within the city</p>	<p>Vienna, Austria</p>	<p>Vienna ensures its residents the right to high quality green and open space that will be maintained in the future</p> <p>50% of Vienna is green space</p> <p>There are 2,000 parks in the city as well as forest and agricultural land</p> <p>Vienna hosts 135 farmers markets annually selling food and products from surrounding areas helping residents to cut their carbon footprint by purchasing locally sourced ingredients</p>
<p>Energy</p>	<p>Cities consume $\frac{3}{4}$ of the world's energy and are responsible for 80% of greenhouse gas emissions</p> <p>We must adapt and develop new inventive ways to create their energy supply</p>	<p>Copenhagen, Denmark</p>	<p>Copenhagen uses its energy supply in smart and sustainable ways and is home to the world's largest and most successful district heating system. The system works by capturing the excess heat from electricity production which is then distributed through a network of pipes delivering the heat to 90% of households in Copenhagen. They have also introduced district cooling using a similar system that uses the cold water of the harbour to chill the water that is then delivered to its customers</p>

		Zurich, Switzerland	They have taken strong measures to reduce their carbon footprint and they focus on energy efficiency. The city has introduced tight restriction on its carbone missions. 80% of the energy utilized by the city comes from renewable sources.
Food production	<p>By 2050 the world will need to produce twice as much food and reduce gas emissions by 2/3 (or 66%) to combat the rapid population growth.</p> <p>Cities must find new ways to feed their citizens focusing on local sustainably grown food.</p>	Helsinki, Finland	Helsinki has a rich heritage of urban farming with allotments dotted across the city some of them dating back to 1918. The allotments can be leased out to residents and the walking paths that run through them are designated to public parkland. Residents take up growing crops on rooftops and in sac gardens creating small farming spaces with old industrial sacks.
Waste	<p>Every day the world produces more than 3.5 million tons of plastic and other waste which has a direct impact on the health of people and the environment. We need to invest and adopt appropriate waste management technologies which can help communities to improve their recycling systems and prevent waste from ending up in the landfill.</p>	San Francisco, California, USA	SF has introduced bold public policy and educational initiatives allowing them to divert 1.6 million tons of waste from landfill. They recycle 77% of their waste stream. It was the first city to introduce a ban on single-use plastic bags. They also want to recycle, compost and reuse more so that nothing ends up in landfill



Rappel :

1) L'expression de l'obligation avec **MUST**

People must reduce their energy consumption =

2) L'expression de l'interdiction avec **MUSTN'T**

We must forget to recycle =

3) L'expression du conseil avec **SHOULD** et **SHOULDN'T**

You should reduce your waste =

You shouldn't buy plastic bottles =

L'expression du futur

Observez :

**In 2050 we will live in greener cities.
In 2050 we won't use plastic bottles anymore.**

Comment le futur est-il exprimé dans ces phrases ?

.....

Imaginez une phrase au futur :

In 2050,

Le comparatif de supériorité

Pour comparer deux choses en anglais, on a besoin d'un adjectif. Comme pour le superlatif (vu en Secondes !) il faut d'abord se demander si l'adjectif est court ou long.

Exemples d'adjectifs courts : ils font soit 1 syllabe, soit 2 syllabes et se finissent par -y

.....
.....

Exemples d'adjectifs longs : ils font soit 2 syllabes (et ne se terminent pas par -y), soit plus de 2 syllabes

.....
.....

Observez :

- Solar energy is greener than gas.
- Growing our own vegetables is more economical than buying them.
- Vegetables are healthier than processed food.

Déduisez-en la règle :

- Pour comparer 2 choses, avec un adjectif court : + +
- Pour comparer 2 choses, avec un adjectif long : + +

Exceptions :

- ⇒ Good = better than
- ⇒ Bad = worse than

Mettez les adjectifs entre parenthèses au comparatif de supériorité et traduisez les phrases.

1. Secretaries can make their office (green) if they don't print paper anymore.
2. Electric cars are (silent) than other cars
3. Vegetables are (good) than crisps.
4. Rivers will be (polluted) in 2050.

Sequence 1. My city in 2050

Step 5. Discussing about things to do to protect the Earth ...

EOC :

<https://oceanservice.noaa.gov/ocean/earthday.html>

PROTECTING OUR PLANET STARTS WITH YOU

BIKE MORE DRIVE LESS

When you further your own education, you can help others understand the importance and value of our natural resources.

reduce REUSE recycle

Cut down on what you throw away. Follow the three "R's" to conserve natural resources and landfill space.

choose sustainable seafood

Learn how to make smart seafood choices at www.FishWatch.gov.

Trees provide food and oxygen. They help save energy, clean the air, and help combat climate change.
PLANT A TREE

EDUCATE

When you further your own education, you can help others understand the importance and value of our natural resources.

CONSERVE WATER

The less water you use, the less runoff and wastewater that eventually end up in the ocean.

-SHOP-WISELY

Buy less plastic and bring a reusable shopping bag.

Don't send chemicals into our waterways.

Choose nontoxic chemicals in the home and office.

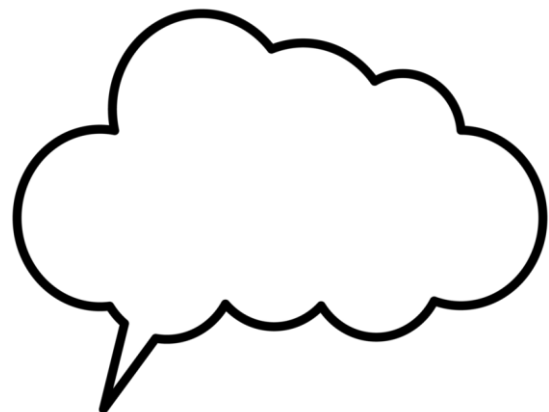
Volunteer!

Volunteer for cleanups in your community. You can get involved in protecting your watershed too!

Long-lasting light bulbs - ARE A - BRIGHT IDEA

Energy efficient light bulbs reduce greenhouse gas emissions. Also flip the light switch off when you leave the room!

oceanservice.noaa.gov



Choose the 3 most important ways to protect our planet and explain the reasons for your choice

Let's prepare the mission!

Préparez votre présentation en vous aidant de la carte mentale suivante.



Sequence 1. My CITY IN 2050

Mission : You present your city of 2050.

Niveau : B1

S'exprimer en continu		Langue et prononciation		Richesse de la langue	
A2		A2			
S'exprime à l'aide de mots isolés, d'expressions et/ou d'énoncés très courts, stéréotypés, avec de nombreuses pauses.	1 ou 2 pts	S'exprime dans une langue peu ou partiellement compréhensible. S'exprime en prenant exclusivement appui sur ses éventuels supports de présentation.	1 ou 2 pts	Maîtrise et réutilisation fragile du lexique et des tournures appris en classe	1 ou 2 pts
A2+		A2+			
Produit un discours articulé et pertinent, mais un peu court.	3 ou 4 pts	langue généralement compréhensible. S'exprime en se détachant parfois de ses éventuels supports de présentation.	3 ou 4 pts	Maîtrise et réutilisation satisfaisante du lexique et des tournures appris en classe	3 ou 4 ou 5 pts
B1		B1			
Produit un discours argumenté et informé	5 ou 6 pts	S'exprime dans une langue globalement correcte pour la morphosyntaxe comme pour la prononciation et utilise un vocabulaire approprié. S'exprime de façon relativement autonome par rapport à ses éventuels supports de présentation.	5 ou 6 pts	Excellente maîtrise et réutilisation satisfaisante du lexique et des tournures appris en classe	6 ou 7 ou 8 pts
/5		/5		/5	
Qualité du travail proposé					
Qualité des recherches menées et des idées proposées					/5

/20

Remarques, choses à améliorer :