



UNITED ARAB EMIRATES
MINISTRY OF EDUCATION



Abdulla Al Ghurair
Foundation



The **BIG GREEN** Legacy

Lesson One

Reflect on the concept of "legacy" and understand how our actions today impact the future.

Lesson Two

Explore UAE's environmental initiatives, express opinions about environmental protection through survey-style questions.

Lesson Three

Engage in The Big Green Legacy Pulse, a gamified and play-based survey experience.

Lesson Four

Compare the lifestyles of previous generations with today's way of living, focusing on their relationship with nature.

Lesson Five

Examine how diverse groups in the UAE are contributing to environmental sustainability.

Lesson Six

Learn about the UAE's innovations and new technologies aimed at enhancing climate resilience.



UNITED ARAB EMIRATES
MINISTRY OF EDUCATION



Abdulla Al Ghurair
Foundation



The **BIG GREEN** *Legacy*

Lesson Two **Upper Primary**

- *Describe* key environmental initiatives in the UAE, with a focus on mangroves.
- *Explain* the importance of mangroves for the UAE's environment and wildlife.
- *Express* personal opinions about environmental protection survey questions.

Teacher's Guide.

In this lesson, we will explore environmental initiatives in the UAE, with a special focus on mangroves.

We will be introduced to the importance of mangroves in the UAE, their characteristics, and the animals they support. We will reinforce key terms related to mangroves and the environment.

We will express our opinions about mangroves and environmental protection using various survey-style question formats. Finally, we will share and discuss our survey responses in groups, promoting peer learning and deeper engagement with the topic.

Lesson Downloads

- Lesson Plan
- Presentation
- Survey Handout
- Offline version of the lesson

Resources Required

- Smartboard



Think



Watch



Read



Act



Reflect

Think.

Helping the environment in the UAE!

1



2



3



4



5



What can you see?

How does the UAE help the environment?



Think



Watch



Read



Act



Reflect

Think.

Helping the environment in the UAE!

1



2



3



4



5



A plant mangroves

B protect wildlife

C build sustainable cities

D make clean energy

E sustainable farm



Think



Watch



Read



Act



Reflect

Think.

Helping the environment in the UAE!

1



B protect wildlife

2



A plant mangroves

3



E sustainable farm

4



C build sustainable cities

5



D make clean energy

Use the internet to find out more about how the UAE helps the environment!



Think



Watch



Read



Act



Reflect

Read.

Khalid's presentation on UAE mangroves!

My name is Khalid. Today, I want to tell you about mangroves in the UAE.

Mangroves are special trees. They grow in salty water. They have roots that stick up out of the water!

There are mangroves on the coasts of many of the emirates in the UAE. The biggest mangrove forest is in Abu Dhabi.

Mangroves clean the water, protect the land from big waves, and give homes to animals. Many animals live in mangroves. We can see fish, crabs, and birds like flamingos. Sometimes we even see turtles!

The UAE is planting more mangroves every year. By 2030, we want to have 100 million new mangrove trees!

Mangroves are very important for the UAE and the environment.

We must help protect our beautiful mangroves!



Think



Watch



Read



Act



Reflect

Read.

Khalid's presentation on UAE mangroves!

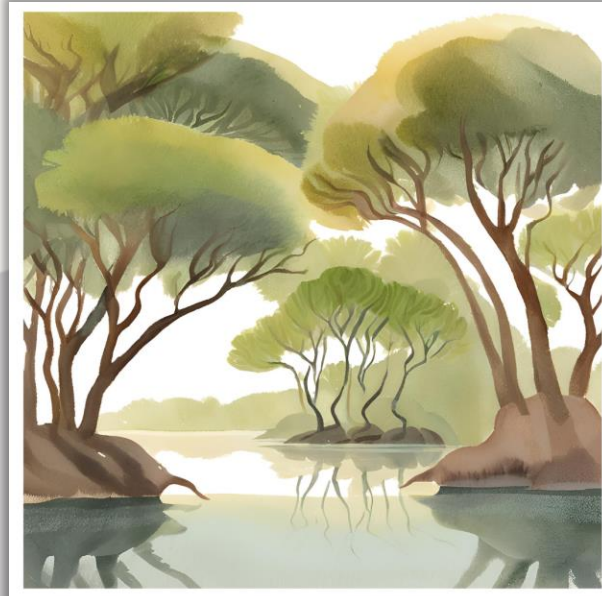
mangroves
roots

environment
flamingo

waves
protect

forest
coast

1	_____	trees that grow in salty water
2	_____	part of the tree
3	_____	many trees together
4	_____	keep safe from danger
5	_____	moving sea water
6	_____	nature around us
7	_____	big, pink birds that live near water
8	_____	where land meets sea



Think



Watch



Read



Act



Reflect

Read.

Khalid's presentation on UAE mangroves!

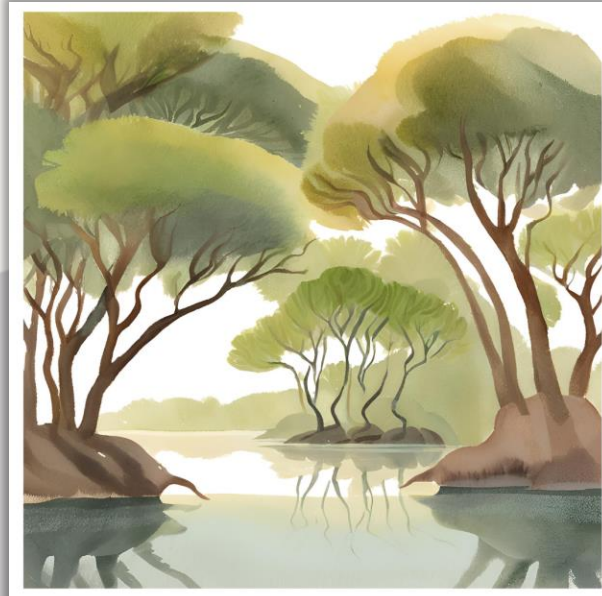
mangroves
roots

environment
flamingo

waves
protect

forest
coast

1	<u>mangroves</u>	trees that grow in salty water
2	<u>roots</u>	part of the tree
3	<u>forest</u>	many trees together
4	<u>protect</u>	keep safe from danger
5	<u>waves</u>	moving sea water
6	<u>environment</u>	nature around us
7	<u>flamingos</u>	big, pink birds that live near water
8	<u>coast</u>	where land meets sea



Think



Watch



Read



Act



Reflect

Act.

What do you think?

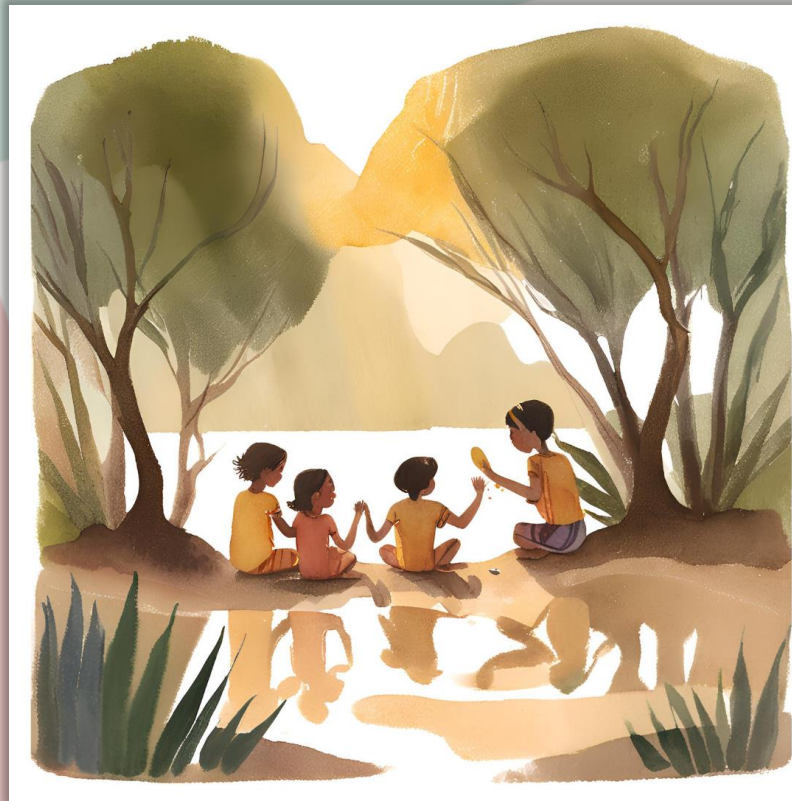
1. Would you like to visit a mangrove forest?

☐

Yes

☐

No



Think



Watch



Read



Act



Reflect

Act.

What do you think?

2. What animals do you want to see in the mangroves?



- a) fish
- b) crabs
- c) flamingos
- d) turtles



Think



Watch



Read



Act



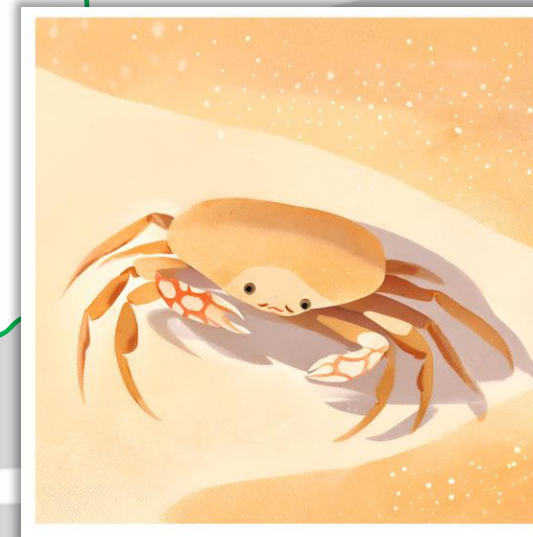
Reflect

Act.

What do you think?

3. What is the most important thing that mangroves do?

- a) cleaning water
- b) protecting land
- c) giving homes to animals



Think



Watch



Read



Act



Reflect

Act.

What do you think?

4. How important are mangroves for the UAE?



Not
important



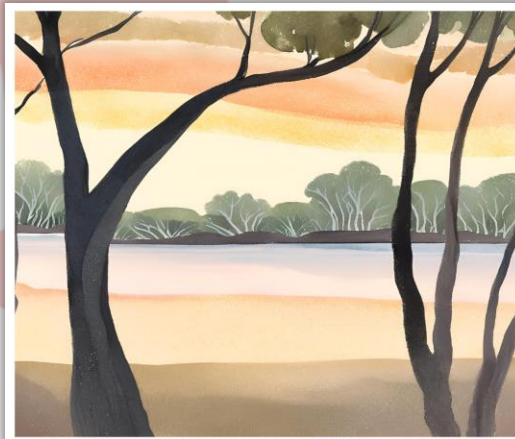
Quite
important



Important



Very
important



Think



Watch



Read



Act



Reflect

Act.

What do you think?

5. How much do you care about protecting the mangroves?

I don't care	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>	5 <input type="radio"/>	I care a lot
--------------	----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	--------------



Think



Watch



Read



Act



Reflect

Act.

What do you think?

6. What would you tell your family about mangroves?

Today, we learned
about mangroves!

Did you know...?



Think



Watch



Read



Act



Reflect

Reflect.

What do you think? Share your thoughts!

What were your answers?

- work in groups
- share your answers

What have you learned?



Think



Watch



Read



Act



Reflect