



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

Emphasise the importance of youth voices in our legacy and why every young person should take part.

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 innovations aimed at enhancing climate resilience.



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The **BIG GREEN** *Legacy*

Lesson Six **Middle/High School**

- *To explore how new innovations help to make our country more climate resilient*
- *To understand and discuss how we can take climate action using the circular economy*

Teacher's Guide.

In this lesson, we will explore and learn about some of the initiatives the UAE is investing in to make the country more climate resilient. Next, we will explore how people and organisations are helping create a circular economy through innovation, collaboration and creativity, and allow learners to think about how they can play a role in building a more climate resilient UAE.

Lesson Downloads

- Film 6–The Future
- Film transcript
- Circular economy innovation examples
- Circular economy innovation ideas
- Circular economy innovation design template

Resources Required

For this lesson you will need:

- Smartboard
- Handouts
- Pens



Think



Watch



Read



Act



Reflect

Think.

Can you name examples of projects or initiatives helping the UAE to become more climate resilient?



Climate resilient means becoming better at dealing with the impacts of climate change



Think



Watch



Read



Act



Reflect

Think.

How are these initiatives helping the UAE to be more climate resilient?



Public Transport



Jubail Mangroves Park

Climate resilient means becoming better at dealing with the impacts of climate change



Electric vehicles



Solar parks



Turtle Rehabilitation Project



Think



Watch



Read



Act



Reflect

Watch.

Can you predict what innovations you might see in this video?

Watch the video below and answer the questions.



Note to teacher: Play video from resource folder.

What initiatives and innovations were in the video?

How are the people in the video helping to create a sustainable and climate resilient UAE?



Think



Watch



Read



Act



Reflect

Read.

After watching the video, what do you think circular economy means?



Think



Watch



Read



Act



Reflect

Read.

What is the circular economy?

In our current economy, we take materials, make products, and then discard them. A circular economy recycles and remakes products to be used repeatedly, creating a loop where nothing goes to waste, protecting our planet and saving resources.



Wastewater recycling



Fashion upcycling



Composting



Think



Watch



Read



Act



Reflect

Act.

Think about your own circular economy innovation!

- What sustainability challenge is your innovation addressing?
- What products or materials can you recycle, re-use or repurpose for your innovation?
- How does your innovation reduce waste and encourage re-use?
- What happens to your innovation when it is no longer useful? How can you make sure it doesn't end up as waste?
- What skills do you need for this innovation?



Think



Watch



Read




Act



Reflect

Reflect.

What have you learned about the circular economy?



Circular
economy



Think



Watch



Read



Act



Reflect