

Diving Deeper into SDG #15 Targets

SDG #15, Life On Land, encompasses a total of 10 critical targets. Having already examined targets **15.2, 15.3, and 15.5** as a class, it's now time to delve deeper into the remaining targets.

After visiting the SDG #15: Life Below Water page on the UN Website, **select two additional targets** not previously discussed to review.

First Target: _____

Second Target: _____

Conduct an in-depth exploration of these targets and prepare to share your findings in small groups. Write your notes below.

First Target:

Second Target:

Use the space below to take notes on the targets your peers choose.

Target:	Notes:

Review the notes you've taken on all the SDG #15 targets and answer the following questions.

Which target resonates with you the most and why?

What are your main takeaways from "Life on Land"?

What is one step you and your class could take to aid land restoration efforts?

Develop two questions on SDG #15 that you want to explore further:

Record some of your classmates' questions:

After watching the clips, "Climate Change: Can Money Stop Deforestation" and "The Destruction of the Amazon, Explained", and reading the article "Agriculture and Deforestation", answer the following questions and graphic organizer in small groups.

1. What is one commodity identified in the videos and how has demand for it driven deforestation?

2. Compare and contrast the economic benefits of agricultural expansion for the commodity you discussed in question 1 with its environmental impact.

Commodity: _____

Agricultural Expansion Benefits:	Agricultural Expansion Drawbacks:

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3. What role does the government play in both deforestation and forest restoration?

4. Do you believe that economic prosperity will always take precedence over environmental restoration and protection?

Lesson 12 – KWL Chart

Utilizing Biotechnology to Restore Terrestrial Ecosystems

As a class, you will watch the videos, “Agricultural Biotechnology: Tool for Adapting to and Mitigating Climate Change” (2022) and “How the UN is Holding Back the Sahara Desert” (2024) to gain an in-depth understanding of new biotechnologies and regenerative farming techniques in regions affected by floods, droughts, and desertification.

Before watching the videos, complete the Know and Wonder sections of this chart.

<p>Know</p> <p><i>What do you already know, or think you already know, about biotechnologies and regenerative farming and how they’re affected by climate events?</i></p>	<p>Wonder</p> <p><i>What do you wonder about biotechnologies and regenerative farming? What would you like to know about current global projects or initiatives on biotechnologies and regenerative farming?</i></p>	<p>Learn</p> <p><i>What have you learned about biotechnologies and regenerative farming from the documentary? What were your main takeaways?</i></p>

After watching the videos, fill out the Learn section.