LIFE BELOW WATER

Sustainable Development Goal 14

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Lessoncard Guide:

Lesson Overview:

In this overview you can find everything that you need and/or have in your packet to teach about the fourteenth Sustainable Development Goal (SDG): Life below water.

Learning Objectives:

- What life below the water means for us
- What is currently happening to the sea life
- What initiatives are currently being worked on to make life better for the sea life

Key Objective:

Getting the students into motion so they think about the Sustainable Development Goal and how they can improve themselves to make a contribution to it.

What to find in this lesson card:

- Informational video's
- Questionnaires
- Interesting facts
- An immersive VR experience

Ocean Harmony: Nurturing SDG 14 for a Sustainable Future

SDG 14, titled "Life Below Water," is a pivotal global endeavor centered on the sustainable preservation and management of oceans, seas, and marine resources.

Facing unprecedented threats like overfishing, pollution, and climate change, marine ecosystems demand urgent attention for their protection and restoration. By delving into SDG 14, we navigate the necessary endeavors to secure the health and vitality of marine life, conserve biodiversity, and advocate for sustainable practices that benefit our planet and future generations.

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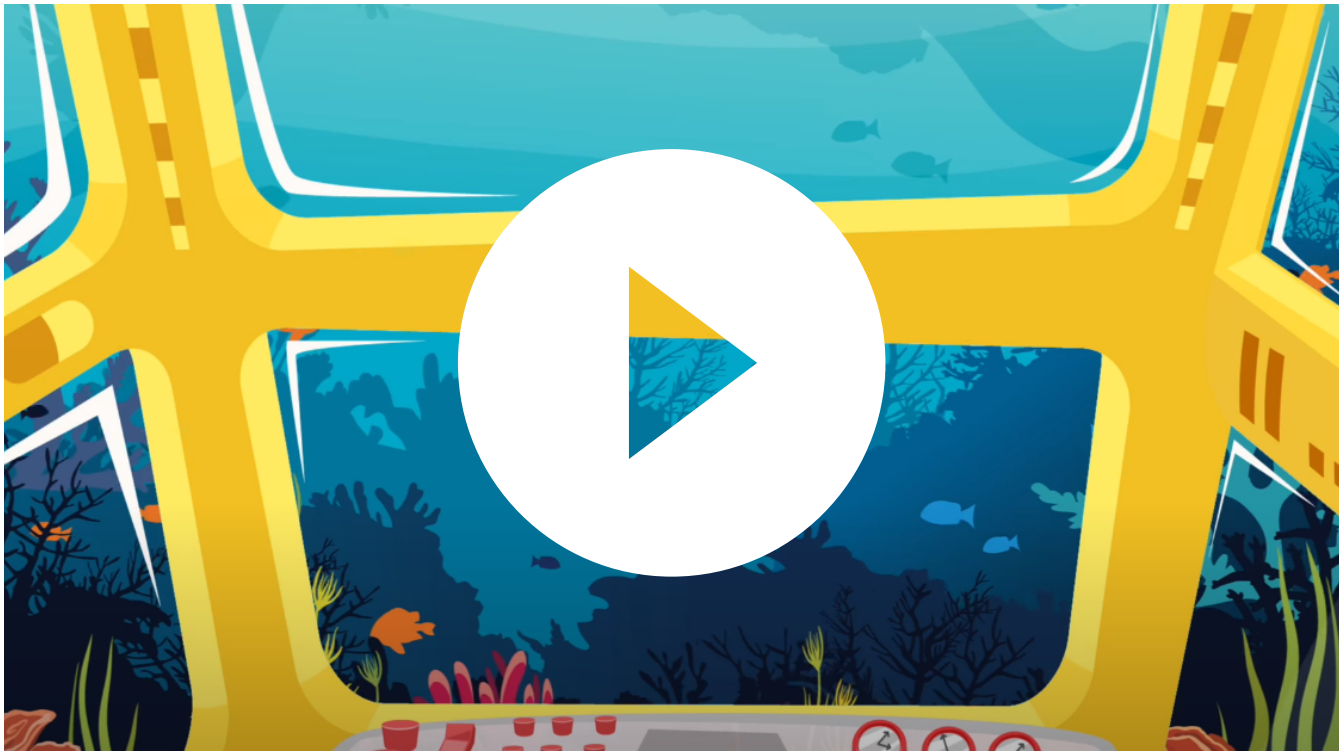
Learn more: Videos

In the quest for a sustainable and thriving planet, SDG 14, "Life Below Water," takes center stage, emphasizing the critical need to preserve and protect the diverse ecosystems that inhabit the Earth's oceans. This video sheds light on the importance of clean and healthy waters for all forms of life beneath the surface, highlighting the intricate role played by marine plants and animals in maintaining the well-being of our planet.



Source: Understand Goal 14: Life Below Water (Secondary) https://www.youtube.com/watch?v=muMwekvfmBY

Questions

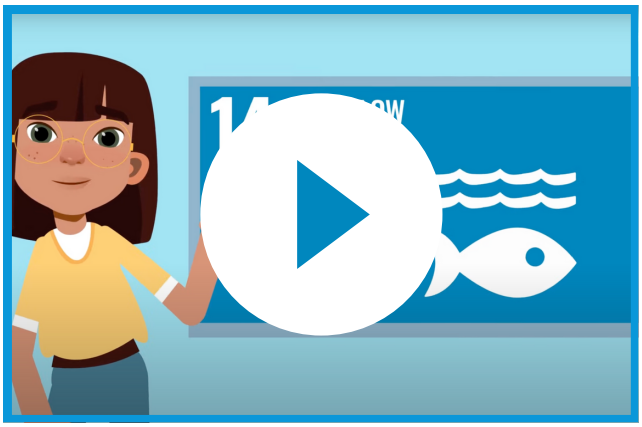
- What percentage of life on Earth is made up of aquatic animals, and why is their survival crucial for our own?

- How are oceans essential for human life beyond being a source of food?

- What are some threats to life below water mentioned in the video, and how do these impact marine ecosystems?

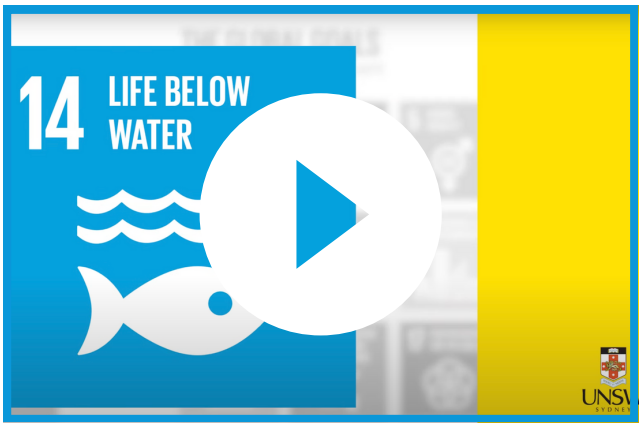
- Can you provide examples of initiatives mentioned in the video that aim to protect and restore life below water?

For more information...



Source: Life Below Water 🌊 SDG 14 🐚 Sustainable Development Goals for Kids
https://www.youtube.com/watch?v=u-l3KfmFNx0

Source: Understand Goal 14: Life Below Water (Primary)
https://www.youtube.com/watch?v=pMp2raQ3pwg



Source: Sustainable Development Goal 14 - Life Below Water - Tracey Rogers
https://www.youtube.com/watch?v=u75w751uzoQ

Did you know?

A major concern tackled by SDG 14 is ocean pollution. Every year, about 8 million tons of plastic find their way into the oceans, posing a severe threat to marine life and ecosystems.

SDG 14 strives to tackle the issue of overfishing, which jeopardizes the sustainability of marine life. Currently, over 30% of the world's fish stocks are being overexploited, putting some fisheries at risk of collapse and endangering various fish species.

To enhance biodiversity and safeguard marine ecosystems, SDG 14 promotes the creation of Marine Protected Areas (MPAs). These designated zones play a crucial role in conserving marine life, particularly endangered species, by regulating human activities that could harm the environment.

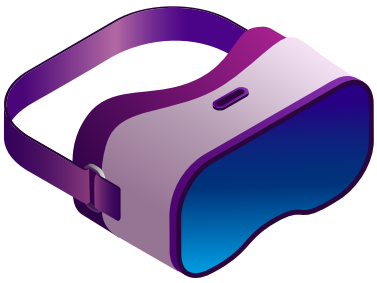
360 underwater National Park

Join National Geographic photographer Brian Skerry as he takes you on an awe-inspiring journey to the Buck Island Reef, a Caribbean gem and America's first protected marine monument. In this captivating video, you will dive deep into the crystal-clear waters and witness the vibrant marine life that calls this reef home. From colorful coral formations to majestic sea turtles and exotic fish, Brian Skerry's lens captures the beauty and importance of this underwater paradise. Discover the wonders of Buck Island Reef and gain a new appreciation for the need to protect our precious marine ecosystems.

How to get there

Visit the virtual experience by clicking the following link: 360 underwater National Park or by scanning the QR code.

Source: https://www.youtube.com/watch?v=v64KOxKVLVg



Instructions for VR goggles

If you have a VR-headset you can watch this video in VR.

1. Put on VR goggles and open the web browser in the VR-set.
2. Type in or enter the link in the address bar.
3. Look around, listen well and enjoy the video!

Questions

- Describe the significance of Buck Island and its coral reef as mentioned by the speaker.

- In what way does the speaker convey hope for the future of protected ocean areas?

What you can do

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Reduce Plastic Usage: Individuals can contribute to SDG 14 by minimizing their use of single-use plastics. This includes using reusable bags, bottles, and containers to reduce the amount of plastic waste that ends up in the oceans.

Support Sustainable Seafood: Choose seafood products that come from sustainable and responsibly managed fisheries. This helps combat overfishing and ensures that fishing practices are environmentally friendly, preserving marine ecosystems.

Participate in Coastal Cleanup Activities: Engage in or support community efforts to clean up coastlines and beaches. Volunteer for or organize events focused on removing plastic and other debris from shorelines to prevent them from entering the ocean.

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