Save Our Seabed Schools Resource Pack

LESSON NAME	Seagrass Island Scientist
KEY STAGE	2

MAIN TEACHING

Learning Outcomes:
Explain what conditions seagrass needs to grow
Illustrate the appearance of a seagrass bed with then animals found there
Report to the class or a partner, findings from Seagrass Island

Optional prep work
Complete Where Do I Live lesson

Questions
What do plants need to live?
Think about the conditions plants need - light, water, soil based nutrients and a suitable temperature.

Why does seagrass only live in shallow water?
This question starts the students thinking about seagrass as a plant and needing the same conditions as land plants - i.e. they need shallow water to get enough light to grow

Why are scientists interested in seagrass?
Seagrass provides us with lots of benefits (ecosystem resources). Scientists want to help protect seagrass for the animals and for us

ACTIVITY

Activity 1
Look the Plymouth Sound Special Area of Conservation map and see where seagrass beds are found. Combine this with a look at Marine Conservation Societies Magic Maps: https://magic.defra.gov.uk/Help_text.htm#MapTools

Mini-Plenary

Activity 2
Explore Seagrass island and fill in the Seagrass Island Scientist Lab Report Worksheet

Activity 3
Students can design their own island on a map with areas of seagrass in suitable conditions. Maps should have all key features - title, key, labelled axes, scale and compass points
Suitable seagrass conditions should also be noted on the map along with any other information gathered on the Seagrass Island Scientist Lab Report Worksheet

PLENARY

Fact share - have a copy of the Seagrass Island Scientist Lab Report Worksheet open and fill it in by collecting the answers from the class. Discuss each item and make sure everyone understands

RESOURCES

Seagrass Island Scientist Lab Report Worksheet

Access to internet for each student or group of students - tablets/chrome books etc

Seagrass Island Scientist Lab Report

Seagrass Island is a make-believe land of science and fun. This digital environment has challenges and quests to complete which will help your students learn about seagrass

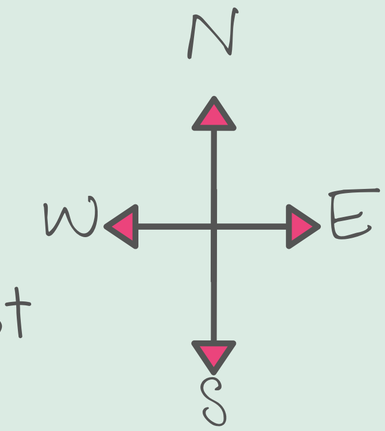
Find the island by clicking this link or copying into your browser:
https://edu.cospaces.io/VSK-RWS

Explore the island, speaking the the inhabitants and finding out about seagrass as you go. Find out what seagrass is and why we must look after it.

ReMEDIES

Seagrass Island Scientist

Lab Report - Map of the Island



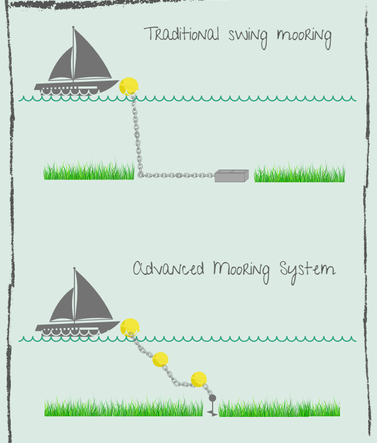
ReMEDIES Seagrass Island Scientist

Lab Report

Seagrass Likes to Live in: (Circle an answer)

Sea state	Rough	Calm	
Water quality	Dirty	Murky	Clear
Depth	Shallow	Deep	

Advanced Mooring systems are better than traditional moorings because:



Seagrass is important because:

1

2

3

My drawing of a seagrass bed and animals: