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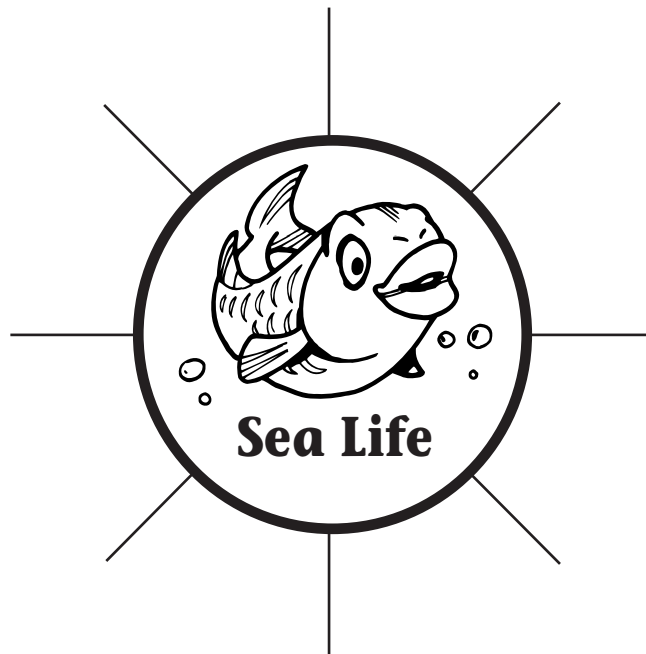
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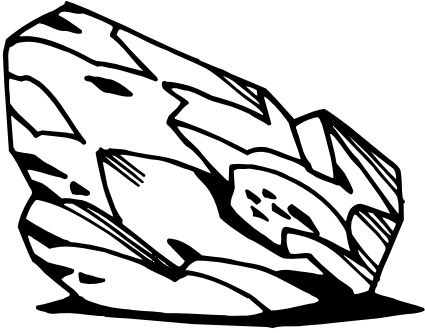
Concept Map

Facts we already know about **the sea**, and the new facts we have learned

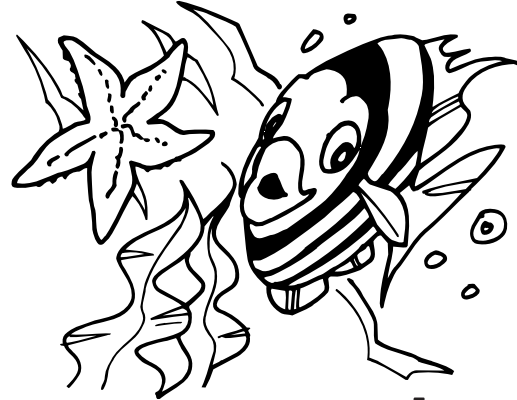


Catch a Clue

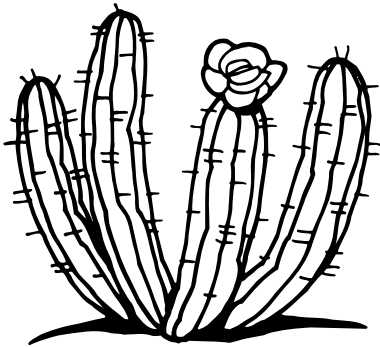
What will we learn about in our reading today?



minerals



sea animals



cactus



plants

Our clues



- 1 They are living things.
- 2 They breathe, grow, and need water.
- 3 They do not grow from seeds.

Connections to Standards

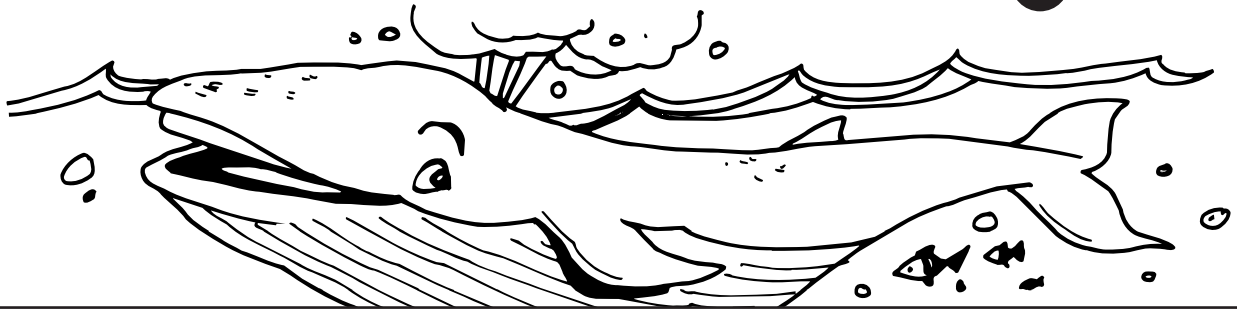
This chart shows the National Science Education Standards that are covered in each unit.

LIFE SCIENCE	In the Sea	On the Farm	The Zoo	Life Cycles
Organisms have basic needs.	•	•	•	•
The world has many different environments.	•	•	•	
Distinct environments support life of different organisms.	•	•	•	
Organisms can only survive where their needs are met.	•		•	
Each plant or animal has different structures that serve different functions.	•	•	•	•
Plants and animals have predictable life cycles.				•

EARTH SCIENCE	Rocks	The Sun	Clouds	Stormy Weather
Earth materials include solid rocks and soils, water, and the gases of the atmosphere.	•		•	•
Earth materials have different physical and chemical properties.	•	•	•	•
Earth materials provide many resources humans use.	•			
Objects in the sky all have properties, locations, and movements that can be observed and described.		•	•	•
The sun provides the light and heat to maintain the temperature of the earth.		•		
Weather changes from day to day and over the seasons.		•	•	•
Objects in the sky have patterns of movement.		•	•	

PHYSICAL SCIENCE	Matter	Simple Machines	Magnets	Shadows
Objects have many observable properties (e.g, size, weight, shape, color, temperature) that can be measured.	•	•	•	•
Objects are made of one or more materials (e.g, wood, metal, paper).	•	•	•	
Materials can exist in different states.	•			
Some materials can change from one state to another by heating or cooling.	•			
Light can be reflected, refracted, or absorbed by an object.				•
Magnets attract and repel each other and some other kinds of materials.			•	

Word Warm-Up



Which words might you expect to find in a story about **the sea**?

blubber

breathe

water

letter

school

dolphin

smart

blowhole

fluke

gills

horse

seaweed