

Lesson 1.3 - Design a Habitat

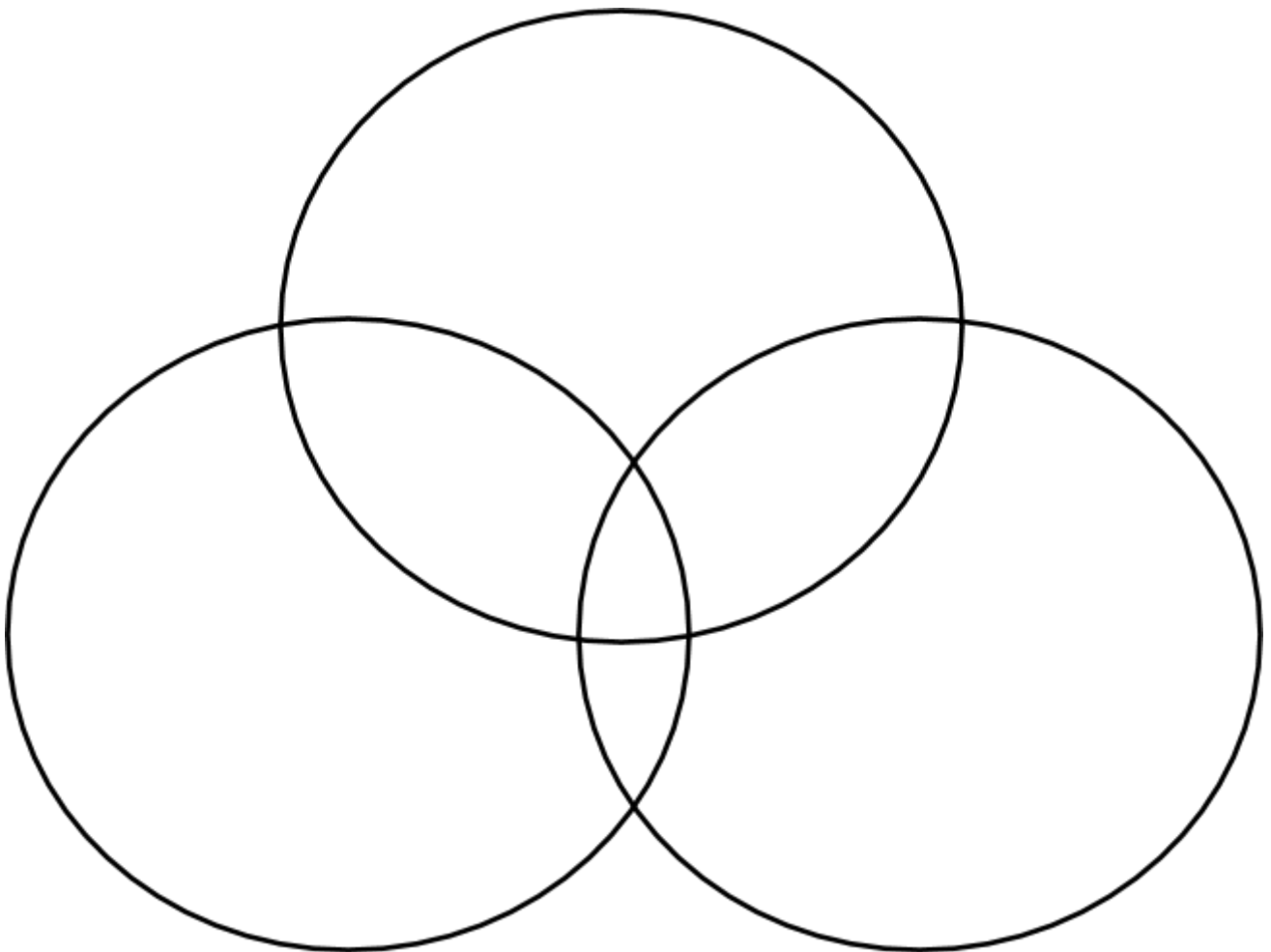
Student Workbook Component

Warm Up – ‘Odd One Out’

What do living things need in order to thrive in their habitat?

In the venn diagram, record similarities and differences in what these animals need to thrive.

If things are similar, put them in the overlapping spaces. If they are different, put them into circle.



Lesson 1.3 - Design a Habitat

Student Workbook Component

Mini-lesson

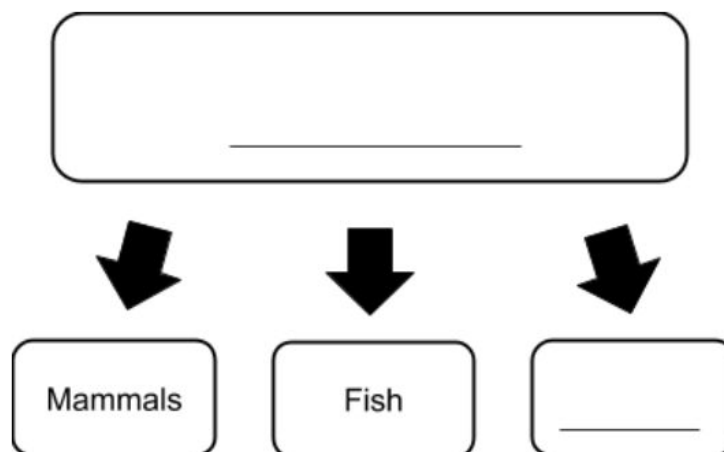
What do sea turtles need to survive in their habitat and why?

Keyword Review

Fill in the blanks with the appropriate keyword using the word bank below.

Ecosystem	Thrive	Reptiles
Class/Classification	Habitat	Need
Saltwater	Freshwater	Elements

1.



2.

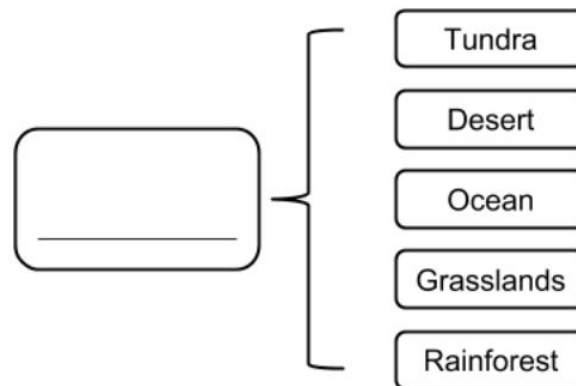


Lesson 1.3 - Design a Habitat

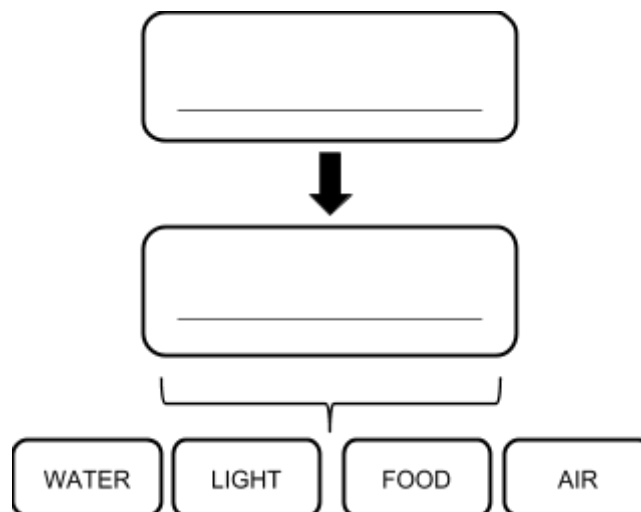
Student Workbook Component

3. In order to _____, animals _____ water, food, sunlight, and oxygen.

4.



5.





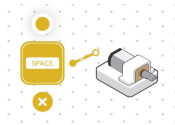
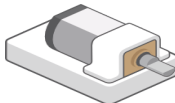

Let's Discuss: *In your workbook or with a partner, record, discuss, or share one example of how sea turtles access and use these elements during their lifecycle.*

Challenge 1

Design a SAM habitat for sea turtles that includes another requirement of their habitat, ocean water


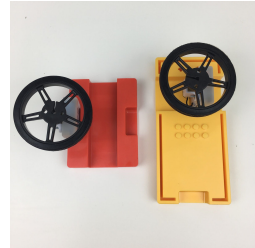
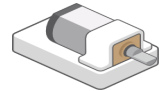
Look at the pictures and read the steps that describe Challenge 1. What happens first? Second? Third? Write the number of the step below each picture.

Step 1 has been completed for you.

Steps	Instructions	Workspace
	Put wheels on the motors. <i>Be sure to match the flat part of the wheel with the flat part of the axel.</i>	
Step 1.	Drag a Key Press onto the Workspace	
	Connect to the Key Press to the DC Motors	
	Turn on and pair: <ul style="list-style-type: none"> 2 DC Motors 	<p>DC Motor</p> 
	Test it! Press the Key Press. <i>This should turn the motors on.</i>	

Lesson 1.3 - Design a Habitat

Student Workbook Component

	<p>Cut out a strip of paper and draw blue waves on it. Place it around the two wheels. <i>This will be the backdrop to your habitat.</i></p>	
	<p>Put the 1st motor in the chassis. Put the 2nd motor in the control block. <i>This may require some pressure.</i></p>	
	<p>Move the DC Motors onto the Workspace.</p>	<p>DC Motor</p> 

Why do you think the order of steps important?

We can use transitional phrases to talk about the order events or actions that take place. Practice by using transitional phrases in order to present your system.

Time & Sequence	Compare (+)	Contrast (-)	Cause and Effect
first/second/third	also	but	because
next	equally	however	so
after	likewise	otherwise	therefore
then	in addition	on one hand... ...on the other hand	as a result
finally/overall/to sum up	similarly	opposite	due to