



# Educational Visit Guide & Worksheets

## Incredible Sea Creatures

Teacher Visit Guide: Grades 1<sup>st</sup> – 5<sup>th</sup>

### About the Lesson

Meet the Sea Creatures! Dive into a world of amazing discovery to learn about three core creatures: sharks, jellyfish, and seahorses - understanding their different needs and completing exclusive SEA LIFE quizzes for each. Students will learn about adaptations and the importance of animal welfare as they explore SEA LIFE and meet amazing creatures!

### Pre-Visit & Post-Visit Activities

Our pre-visit lesson plan for parents/teachers includes a PowerPoint presentation and student activities to get you ready for a fun-filled, educational day at SEA LIFE Aquarium. Our post-visit lesson plan encouraging critical thinking and reflection on the SEA LIFE educational experience.

### Next Generation Science Standards Addressed

- **1-LS1-1** – Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.
- **K-LS1-1** – Use observations to describe patterns of what plants and animals (including humans) need to survive.
- **2-LS2-1** – Plan and conduct an investigation to determine if plants need sunlight and water to grow.
- **2-LS2-2** – Develop a simple model based on evidence to represent a proposed object or tool
- **3-LS2-1** – Construct an argument that some animals form groups that help members survive.
- **3-LS2-2** – Use evidence to support the explanation that traits can be influenced by the environment
- **4-LS1-1** – Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction
- **5-LS2-1** – Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.
- **5-LS2-2** – Use a model to describe the movement of matter among plants, animals, decomposers, and the environment



## All About Adaptations

Did you know? Stingrays have flat teeth (like our molars) to help them crunch their favorite foods like clams and shrimp! These special teeth are an adaptation – a feature that helps an animal survive in their habitat.

What food do you like to crunch like a stingray?

## Stunning Jellyfish

Let's talk tentacles! Jellyfish tentacles have an important adaptation– stinging cells! Jellyfish can stun small fish and other prey with a sting, then pull the prey toward their mouth.

Some jellyfish have long, flowing tentacles. Others have hundreds of short, fine tentacles. If you were a jellyfish, which would you rather have? Circle your answer!

a. a few long tentacles

b. hundreds of short tentacles

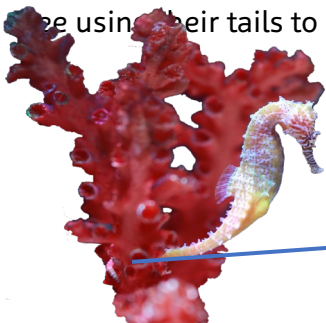


## Ocean Tunnel

Sharks have many adaptations that help them live in the open ocean! Check out our sharks swimming around you, then draw in the missing features of this shark to help it survive in the ocean!

## Silly Seahorses

Seahorses have many unique features, like their long snouts and fluttering dorsal fins. One of their most useful adaptations is their prehensile tail. A seahorse tail can grip coral, grasses, and other structures! How many seahorses do you see using their tails to hang on?



Tail Grab!





## Trekking Turtles

Turtles and terrapins can be found in bodies of water all around the world!

Whether they live in fresh ponds or salty seas, turtles have a special adaptation that helps protect their bodies from danger. Can you name it?

## Rockpool Rockstars

Swim over to our rockpool to meet some amazing creatures! Rockpools are made when the tide goes out, leaving some water behind in shallow pools on the shore. The creatures living in these pools have adaptations to make them tough enough to survive changing temperatures and even waves crashing over them!

You can get even closer and touch the creatures living here! Which creatures did you meet in the rockpool?

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## Draw Your Favorite

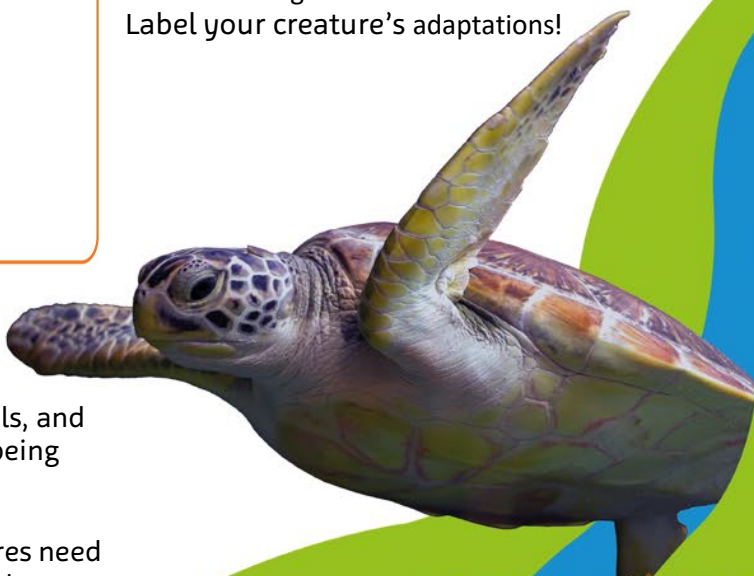
Wow! You met so many incredible creatures today! Which one was your favorite? Draw them in the box!

Bonus challenge:  
Label your creature's adaptations!

## Conservation Connection

Conservation is the protection of plants, animals, and our world's resources to prevent them from being lost or wasted.

No matter their size and shape, all sea creatures need our help! You can help at home and at school by sharing what you learned today. Tell your friends and family about the amazing animals you met today and how we can all protect them by recycling and helping to keep our oceans clean!



**SEA LIFE**  
EDUCATION