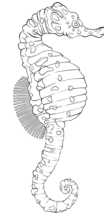# iSeahorse Tracker
by Mary Jane Brown and Tom McConnell
www.conservationtales.com/seahorses

Seahorses can be found around the world! In the more than 45 species of seahorses, you can see many different shapes, sizes and colors. Each type of seahorse is adapted to live in a certain habitat. In this activity, you will use real scientific data to find out where you can find seahorses that you select.

Driving Question: *What adaptations do seahorses have that help them survive in different habitats?*

Objectives:
- I can find the location of seahorses on a world map in the iSeahorse database.
- I can compare evidence about different species of seahorses.
- I can find patterns in habitats for certain species of seahorses.
- I can write explanations about seahorse habitat patterns.

Selecting Seahorse Species

Go to https://www.iseahorse.org/, and pick two different species of seahorses that you'd like to know more about. Write the names of these two species in the box below.

Species 1	Species 2

Prediction: In this box, write your Prediction:
Where in the world would you expect to find Species 1 and Species 2? In what habitats Do you think you will find these seahorses?

Hypothesis: In this box, write a Hypothesis:
What adaptations do think Species 1 and Species 2 have to make you predict what habitat you would find them in?

Instructions: Go to https://www.iseahorse.org/ , click on "observations", and then click "all observations" to see recorded data. Explore the different locations where seahorses can be found. Pick two different species and document where they are located.

Locations of Seahorse Species

Find up to five records of seahorses from the two species you chose, and click on the observations. Write the location of each animal, including both place and habitat.

Species 1	Species 2

Summarize evidence: In the spaces below, write the evidence you think is most important about each of the species you saw above. What patterns do you see in the observations?

Species 1	Species 2

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Inquiring More

List some other questions you have about the seahorses you chose in this activity. List any information you find to answer your questions.

Questions:

Information Learned:

Conclusions

In the space below, write your conclusions –

What adaptations do Species 1 and Species 2 have that help them survive in different habitats?

Compare your conclusions with others who selected different species! What common patterns did you and your classmates find?