



Challenge: Build a Habitat

STEM

What is a habitat? A habitat is where an animal lives and finds its food, water and shelter. Just like you, every animal needs a home. There are many different habitats, including grassland, polar, desert, mountain, temperate forest, freshwater, ocean, and rainforest.

Our three-toed box turtle, Raspberry, is getting a new habitat at Seacoast Science Center. What type of habitat do you think would suit him best? Get creative and design your own habitat for Raspberry in this design challenge!

Let's use the Engineering Design Process to help us organize our plan!



ASK:

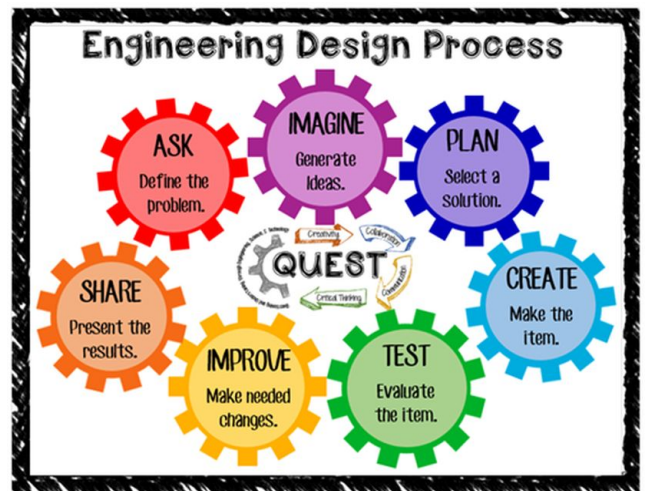
What is the Problem?



IMAGINE:
Generate ideas!

Things to think about:

- What types of foods do box turtles eat?
- Where might you find a box turtle?
- What does a box turtle need to survive?
- What colors are box turtles?
Why would this be important?
- What are other characteristics of a box turtle that might be important when considering its habitat? (soft body, claws, etc.)



Challenge: Build a Habitat, cont.



PLAN YOUR DESIGN

Sketch your habitat design idea in the space below. You can choose to complete your design in the space below, use a larger piece of paper, or build a 3D habitat. Be sure to gather all of the materials you need before you start your project.



GET CREATIVE!

Think like a turtle and make your perfect habitat.



TEST AND IMPROVE:

Evaluate your final design and make any needed changes.

SHARE your design with us!

Send photos by April 15th to:
a.komarek@sscnh.org

We will feature submitted designs during our next live stream:

**Turtle Time with Daryn
Facebook Live
Friday, April 16, 4:30pm**

