

STEM challenge

WATERPROOF CRITTER HOUSE



Instructions:

Have each student construct a different type of critter house; 1 foil house, one small plastic bag, 1 large plastic bag, 1 cling wrap, 1 Lego house, and one out of a plastic container. Students will create clipart animals/dinosaurs, cut them out and take them to the outside of a small cup. The teacher will cut up small pieces of sponge and place them in each cup. Students will place their critter cups inside of their houses. Students will line up critter houses in front of the "pond" (basin of water). Choose any order for the houses. Set a 1 minute timer and hold critter house under water for 1 minute. After the timer goes off, deconstruct the critter house to see if the animal got wet.

Materials:

small cups

items to design houses

basin of water

clipart animals/dinosaurs

scissors

tape

sponge

crayons

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Results

Critter	Materials	Did it work?

Did you like this activity?



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Test your design. Did your critter house protect your critter? If not, would you change anything?

yes

no

Rate your design:



What did you like about your design?

What would you do to improve it next time?
