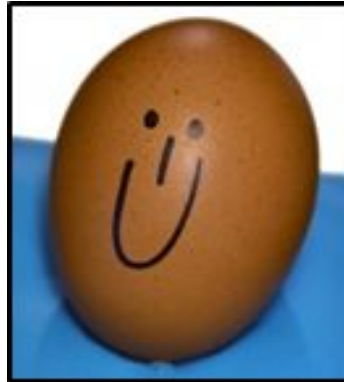


Creating a Space Capsule

For an Egg-stronaut!



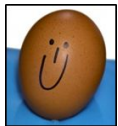
Supporting Your Egg-stronaut

In order to test memory foam, scientists dropped eggs on the material. If the egg did not break, then they knew astronauts would be supported and safe.



Challenge: Think like a scientist!

Help an egg land safely on the ground using recyclable materials.



For this challenge you will need a real or plastic egg and a plastic bag.



You can also use water bottles, cardboard, newspaper, rubber bands, tape, yarn, or any other recyclable or craft materials that you have permission to use.



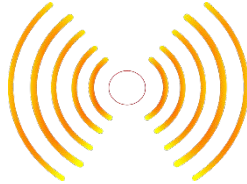
Supporting Your Egg-stronaut continued...



Think about:



1) What will you use to slow the egg's fall?



2) What will you use to protect your egg from vibrations and impact with the ground?



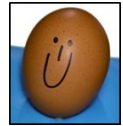
Draw out your ideas below or on a separate sheet of paper.

Supporting Your Egg-stronaut continued...



Build your project out of your materials.
People solve problems different ways, so everyone's project looks different!

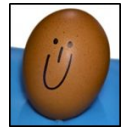
Test Your Project:



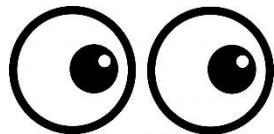
be



Place your egg or plastic egg inside the plastic bag. This will be your egg-stronaut!



Put the egg-stronaut inside of your project.



from

Look for a place to drop your project from. This place should be high but safe. Ask for permission to drop your project from this spot!

Supporting Your Egg-stronaut continued...



When you are ready, drop your project.

Did your project land safely?



Sort of

What worked well? What would you like to change?

Try Again!



Write or sketch any ideas for changes on the next sheet here or a separate sheet!

Supporting Your Egg-stronaut continued...



New Design!

