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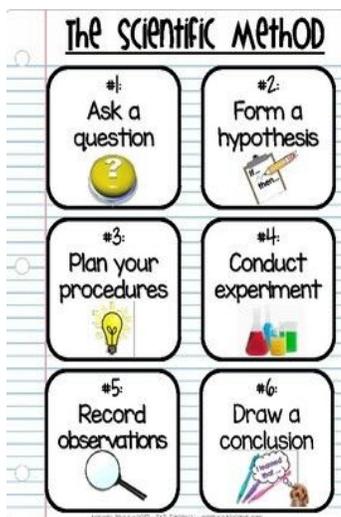
SUPERS SCIENCE I



Orsch

1. Pick a task!
2. When you have finished a task, color that section.
3. Consider sharing your product with us at orsch.net. We will show it off for you!

Study this picture of the scientific method.



Write a hypothesis for the following question: **Between milk, water and orange juice, which liquid will melt the fastest?** Conduct the experiment! Plan it out, conduct it and record your observations! What is your conclusion?

After you've recorded your observations and come up with a conclusion, present your findings to a grown up!

Fossils are the remains or traces of plants and animals that lived long ago. **BRAINSTORM!** You are a paleontologist. What is a paleontologist? Look it up! Which fossilized plants and animals might you find on one of your digs? Make a list!



Now, with a grown-up, make up some sugar cookie dough. Then, gather a few objects from your list. Feel free to build them if you don't have them in your house. After your dough is made and your cookies are rolled out, press each of these objects into a cookie to see its cool pattern! These are your fossils. Bake them, and bonus... EAT THEM!

Look up a picture of the 4 main layers of the earth. Recreate this picture on your own paper and label each layer.



Look up the structure of DNA. What is this shape called? Can you draw it? Can you construct a 3D model of DNA out of something in your house?

What are the phases of the moon? List them below. **HINT:** There are 8 total phases.



Step outside tonight and identify the phase of the moon!

What is photosynthesis? Look up a definition and then write it in your own words here:

Time to garden! Find a pot or a plastic container and make sure that it has small holes in the bottom. This will be your planter. Find a lid or a plate for your planter to sit on. Fill your planter with dirt. Plant some seeds! (Read the directions on the package so that you know how far apart and how deep to plant the seeds.) Now, according to photosynthesis, what does this plant need to live and grow? Place the plant somewhere that it will be happy, water it the right amount, and watch it grow!