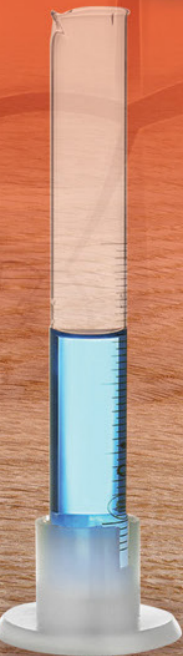


SENSORY SCIENCE FUN!



SQUISHY

Science Experiments



by Harriet McGregor





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SQUISHY

Science Experiments

by Harriet McGregor

Consultant: Heather Stockinger, Educator



Minneapolis, Minnesota



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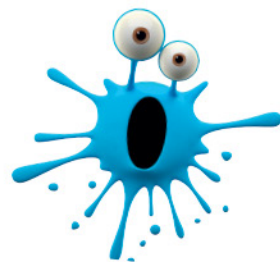
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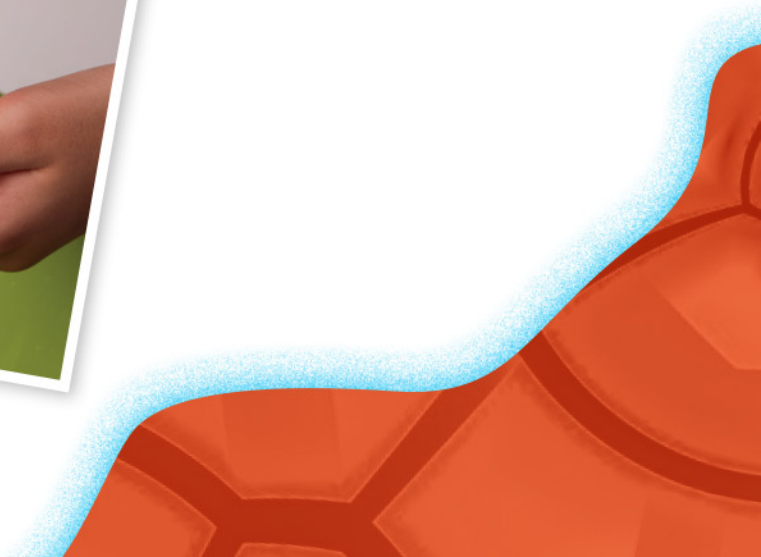
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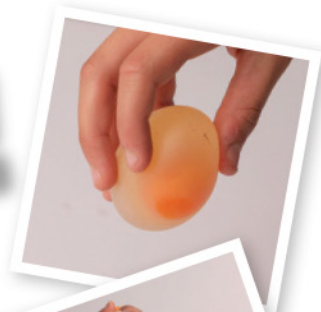


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SCIENCE IS SQUISHY!

Science is the study of the world around us. It helps us learn about animal and plant life, Earth and space, and energy and motion. Science can be fun, too. It can be gooey, smelly, slimy, moldy, gross, and—of course—squishy. In this book, four fun experiments will introduce you to the wonderful world of squishy science!



SAFETY FIRST!

Staying safe is an important part of any science experiment. For some experiments, you will need safety gear to protect your eyes or skin. For others, you will need the help of a grown-up or a friend.



Safety goggles

YOU WILL NEED

At the beginning of each experiment, you'll find a list of necessary materials. Be sure to gather all your supplies before you start. You may already have some of the items at home or school. The others can be found in stores or online.



Bowl



Measuring spoons



STEPS

Each experiment will have a list of steps to guide you. Read them all before you begin. Follow each step carefully.

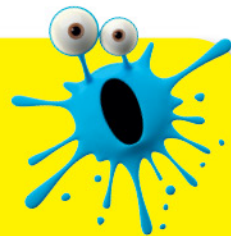
OBSERVATIONS

Be ready to keep a close eye on your experiment, and record what happens. You can take notes, draw pictures, or use a camera to capture photos or video. Sometimes, experiments do not go according to plan—but that's OK! Mistakes can be useful and often help you do better when you try your experiments again.

CONCLUSION

There is a conclusion at the end of each experiment. This is the last part of any experiment. It will explain how and why your experiment worked.

Squishy Science Fact



Look for this squishy character with its tips and facts for each experiment. This information will help you get great results while you learn amazing things.



Earth-Friendly Science



Scientists take care of their planet. Whenever possible, find used materials for your experiments. For example, an old yogurt container makes a good mixing bowl and it can be **recycled** once you have finished. Avoid **single-use** plastics and get rid of experiment materials properly.



FLUBBER

Flubber is a rubbery, squishy, slimy goo. It's fun to shape, stretch, and squash. Follow the steps in this experiment to make flubber for yourself, and discover the fascinating science behind it.



You can find borax in the laundry aisle at the store or online.

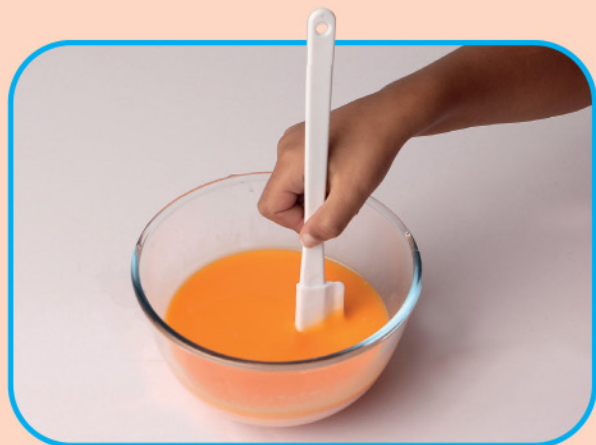
STEPS



- 1** Measure 1 cup of white glue into a bowl.



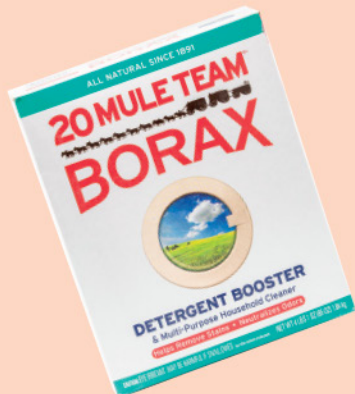
- 2** Slowly add $\frac{3}{4}$ cup of warm water to the white glue a little at a time. Stir well until mixed thoroughly.



- 3** Add a few drops of food coloring to the mixture, and stir until well blended. Set this bowl aside.



- 4** Into the second bowl, measure $\frac{1}{2}$ cup of warm water.



- 5** Add 2 teaspoons of borax to the warm water.

- 6** Stir the mixture until the borax has completely **dissolved**.



Squishy Science Tip



Borax will not easily dissolve in cold water, so be sure to use warm water and then stir until the powder completely disappears.