

Plant Cells

Learn about the parts of a plant cell with this fun collage activity!

INSTRUCTIONS:

STEP 1: Print out the parts of a cell templates.

STEP 2: Color each part with colored pencils or watercolor paints.

STEP 3: Cut out the different parts of the cell.

STEP 4: Use glue stick to attach each part of the cell inside the cell wall.

SUPPLIES

Cell templates
Colored pencils
Watercolors
Scissors
Glue stick

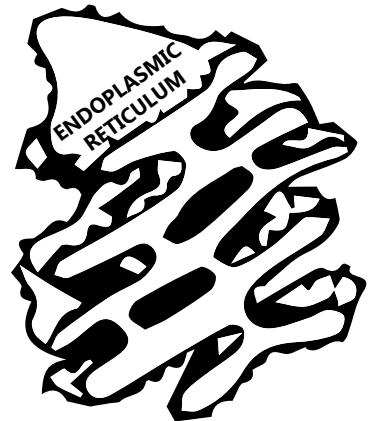
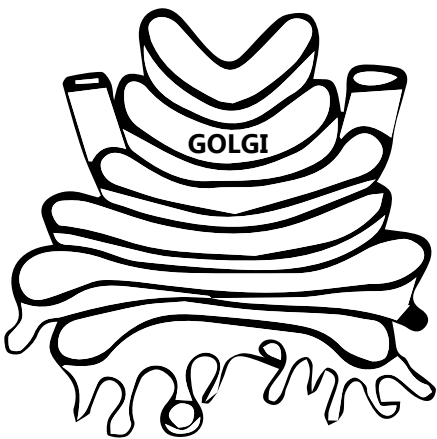
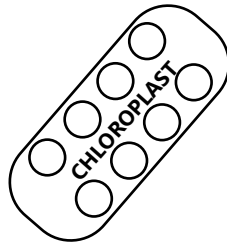
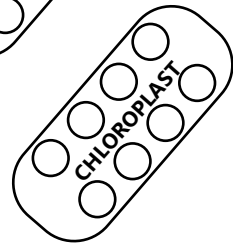
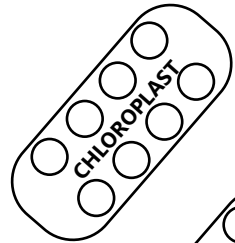
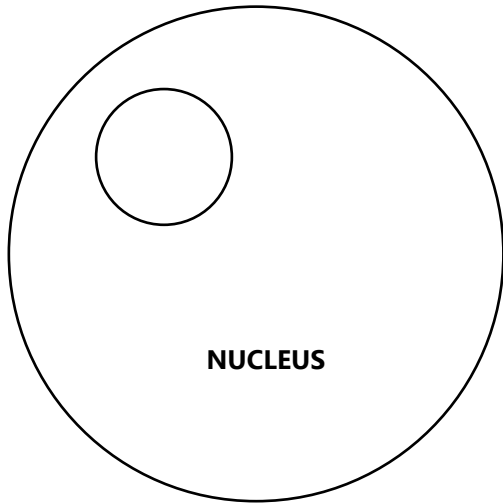
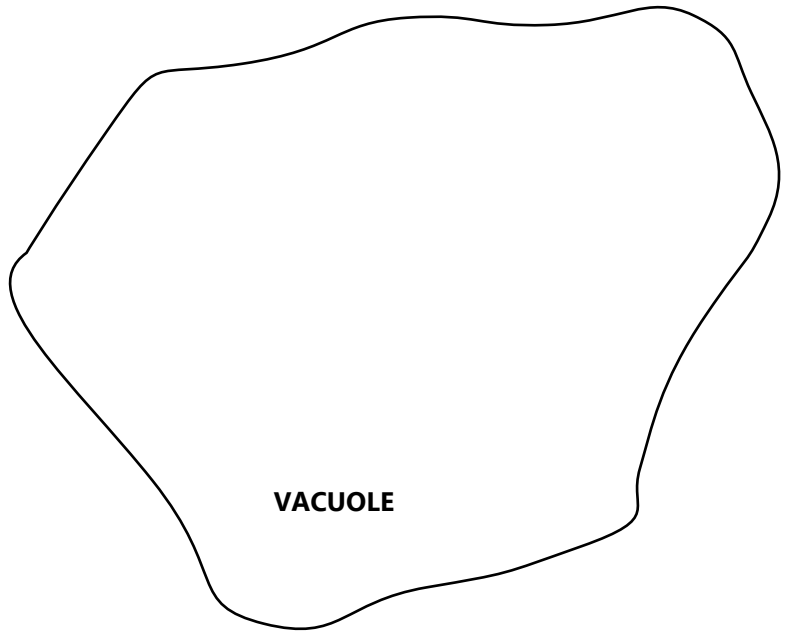
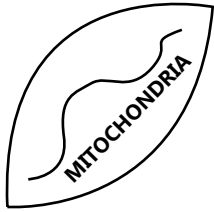
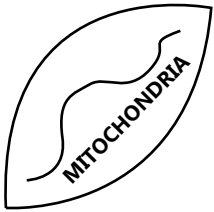
THE SCIENCE

Plant cells are the basic building blocks of plants. One of the features of plant cells is the cell wall. This is a tough, rigid structure that surrounds the cell membrane and provides support and protection for the cell.

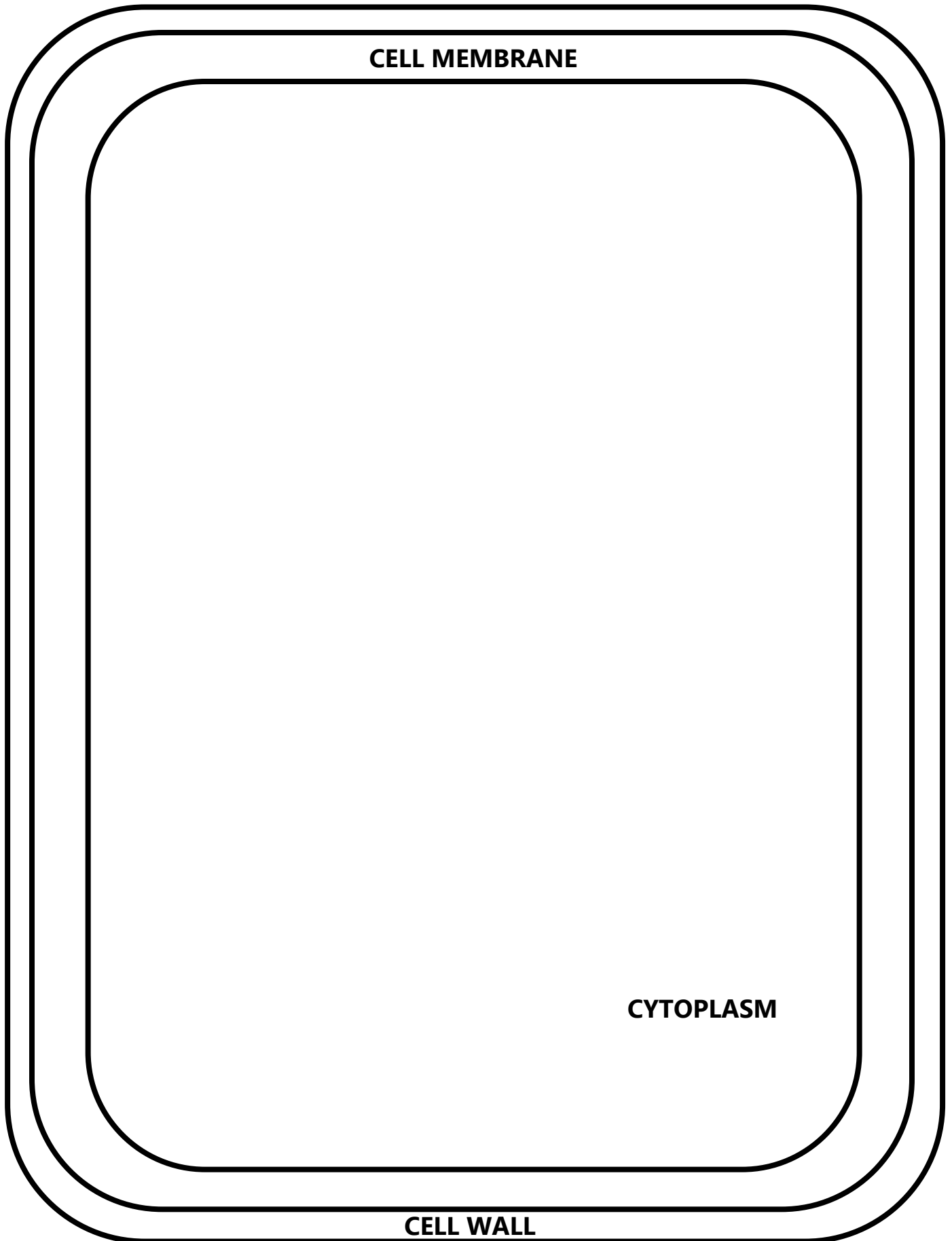
Another important feature of plant cells is the chloroplast. Chloroplasts are small, green structures found in the cytoplasm of plant cells that are responsible for photosynthesis.

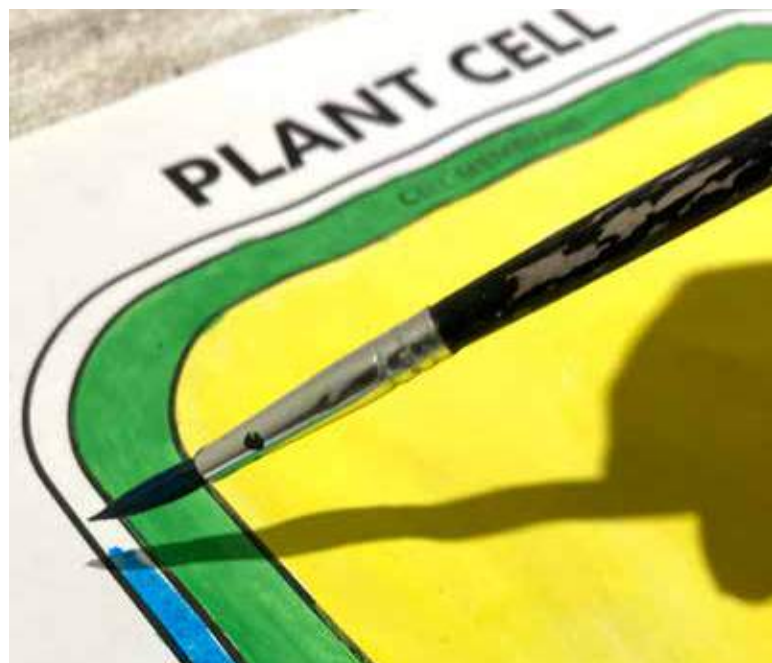
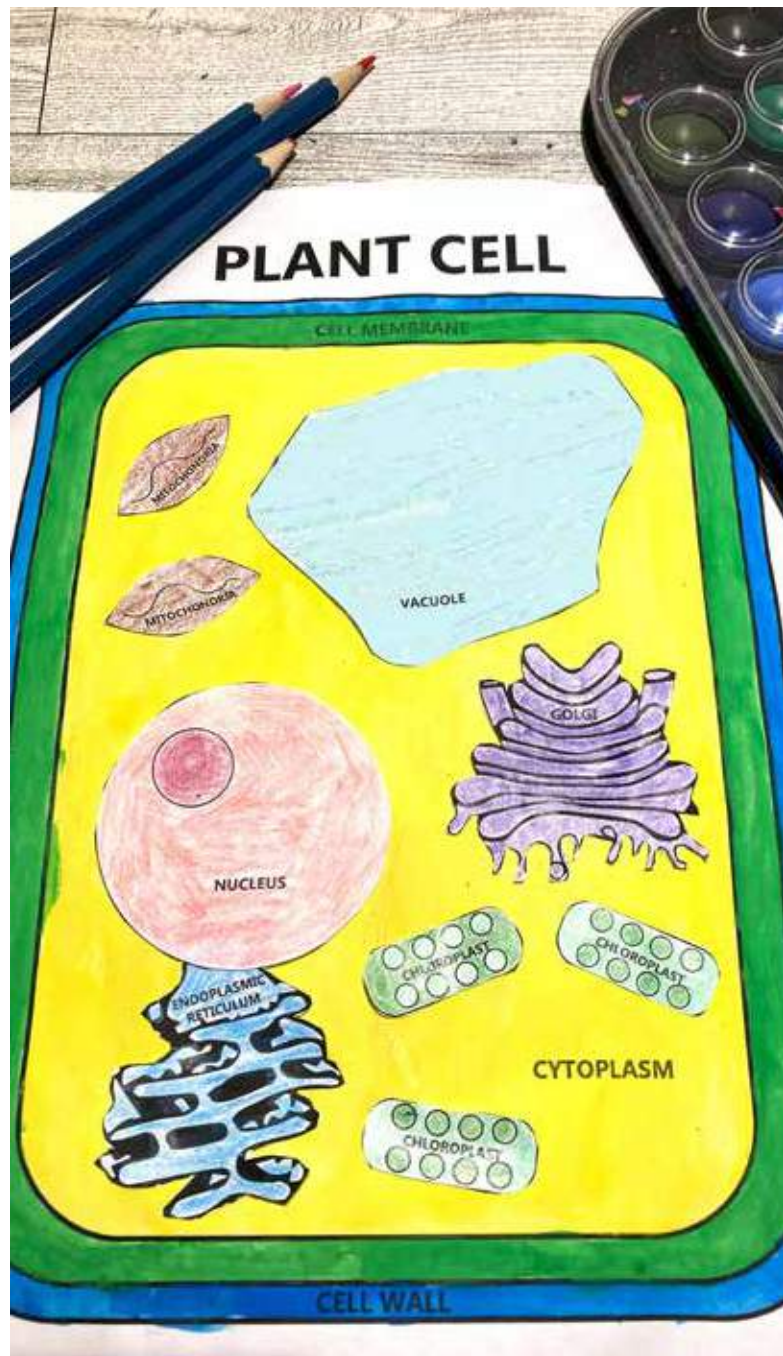
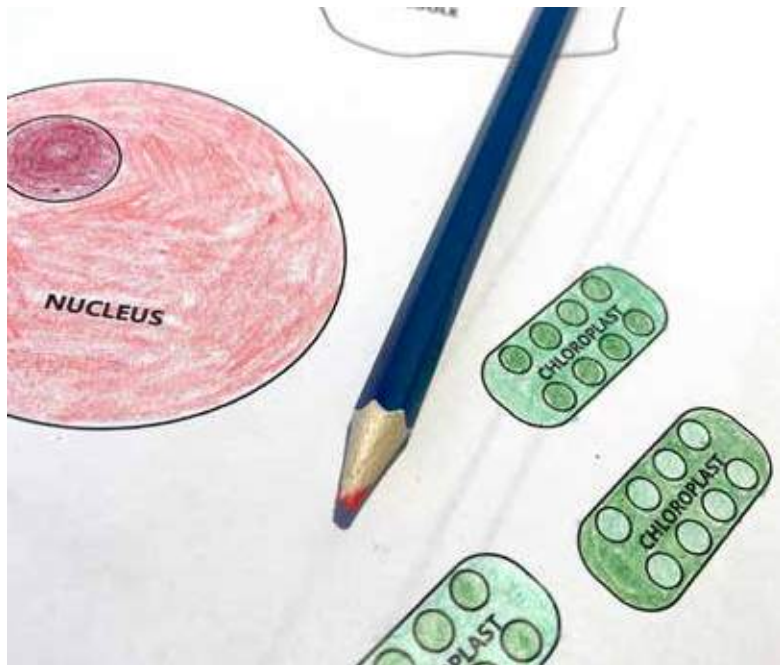
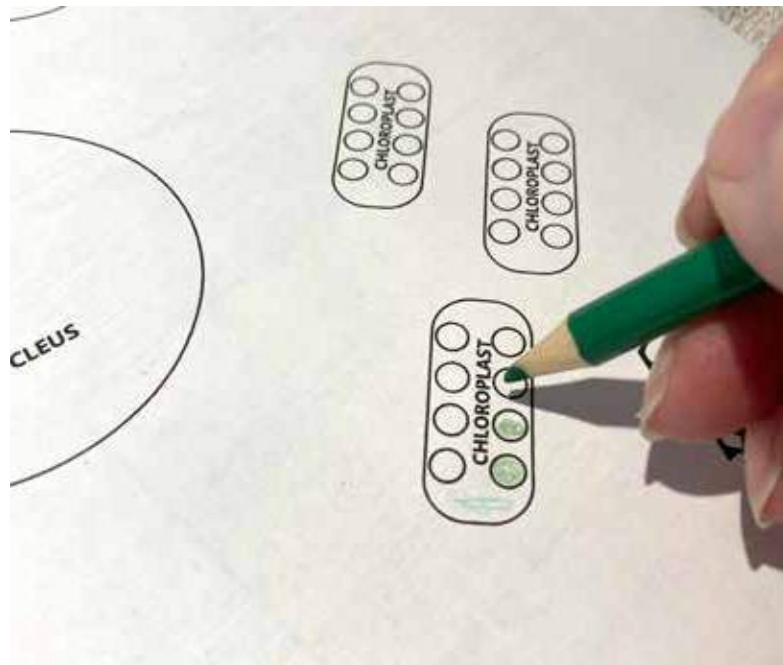
Plant cells also contain a large central vacuole, which is filled with water and dissolved substances. In plant cells, vacuoles help maintain water balance.

Other organelles found in plant cells include the nucleus, which contains the cell's genetic material, the endoplasmic reticulum, which is involved in the synthesis and transport of proteins and lipids, and the Golgi apparatus, which modifies and packages proteins and lipids for transport.



PLANT CELL

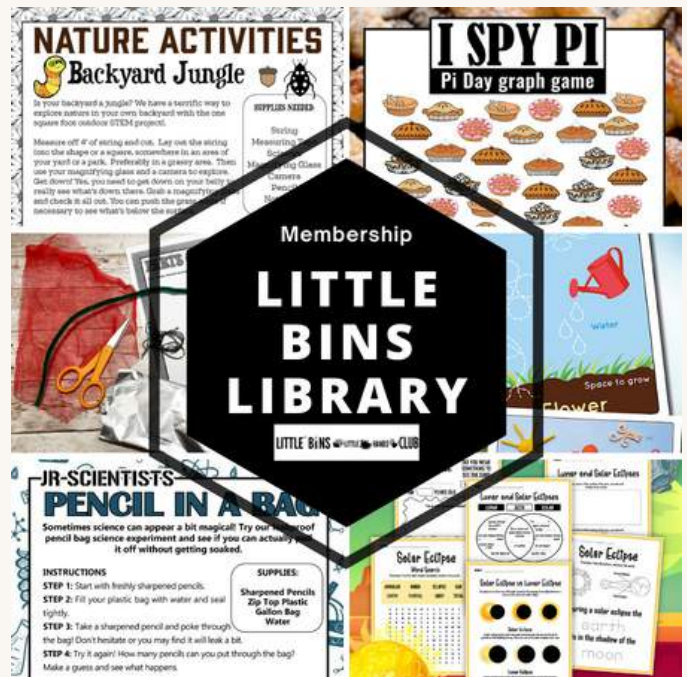




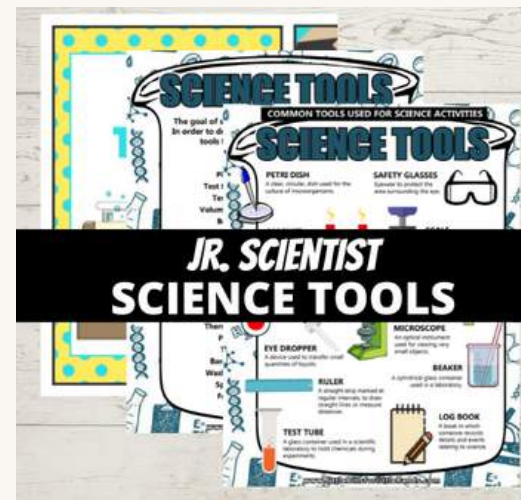
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Meet the Little Bins for Little Hands Duo!



Hi! My name is Sarah, and this is my son Liam. He's actually 13 now. We still LOVE playing around with science and STEM at home.

I shared a simple baking soda and vinegar science activity ten years ago with him. Since then, we've been hooked! Together we have enjoyed 100s of science experiments that are low cost, easy to set up, and just plain FUN!

I always aim to provide the BEST science activities and STEM projects that fit your time and budget! We hope you enjoy the materials we have put together for you today!

~Sarah and Liam