

Survey of Science Materials

Project Equipment (tools used throughout or common household items)

REQUIRED:

- 1 Pair of Scissors
- 1 Adhesive Tape - (e.g. masking tape, scotch tape)
- 1 Glue (possible substitutions: stapler, tape, glue stick, etc.)
- 1 Set of crayons/colored pencils
- 1 Set of [Felt-tipped pens - dual tip, multi-colored](#)
- 1 [Mason jar \(with markings\)](#) or Glass Measuring Cup
- 1 Washable black marker (ex: Crayola)
- 1 Permanent black marker (ex: Sharpie)
- 1 Pencil with eraser
- Access to a printer (Check local library if needed)

Activity Supplies (things that could be used-up or incorporated into a project)

REQUIRED:

- [Pipe cleaners](#) (25-30)
- [Pony beads](#) (~100)
- Toilet Paper, 2-ply/thick (partial roll; ~50-60 sheets)
- Copy paper or construction paper (or notebook paper, ~10 sheets)
- Graph paper (can print a free template online if needed, 3-5 sheets)
- Sugar or salt (~1 cup)
- [Food coloring](#) (1 box, 4 different colors)
- Vegetable oil (~1 cup)
- [Alka seltzer tablets](#) (2 tablets)
- White paper towel or coffee filter (2 sheets)
- [White/foaming shaving cream](#) (1 can)
- Index card or white cardstock (2)
- Toothpick (1. possible substitutions: fork, coffee stirrer)
- [Straws](#) (only need about 12)
- Vinegar (~1 cup)
- Baking soda (~a few tablespoons)
- [Purple grape juice](#) (~one 16 oz carton) or Red Cabbage (1 head)
- [Balloons](#) (only need a few)

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OPTIONS FOR HANDS-ON PROJECTS (acquire what you can):

NOTES: The following items are not to be obtained in full; these are possible examples of what could be used to create a model cell during the biology module. Other items can be used, depending on what is available at home.

- Fresh food: fruits, veggies, etc. (be sure to use proper hygiene if you wish to eat your cell)
- Dried/non-perishable food (candy, pasta, beans, rice, etc.)
- Other items as available (Play-Doh, pipe cleaners, pony beads, yarn, cardboard scraps, etc.) -- use your creativity!!

Shopping List for some items that may not be easily available at your local store!

https://www.amazon.com/hz/wishlist/ls/34PB7R0GQKXGO?ref=wl_share

NOTES: Each item on this Amazon list has a comment (in Amazon) explaining more about the needed item, if applicable. You don't need to buy all items on the linked Amazon list. Sometimes, the items on the Amazon list are meant to provide you with an example so you can shop locally to save money and/or get a smaller quantity. Shop wherever it is most safe and convenient for you and your family.

