

Mrs. Drane's Summer Enrichment and Cool Science Stuff to do!

These are some Cool Physics type things to try. Just make sure you get a parent's permission when using food things or other cleaning type chemicals for these experiments. Some of them I will recommend that you get parent or adult supervision and assistance when completing.

1. Egg Drop: Can you protect the egg from breaking.
<https://sciencebob.com/try-the-egg-drop-challenge/>
2. Build a Soap Powered Model (Which soap makes the best motor?)
<https://sciencebob.com/try-the-egg-drop-challenge/>
3. Bend Water with Static Electricity (Who in your family can get the water to bend the most?)
<https://sciencebob.com/bend-water-with-static-electricity/>
4. Having fun experimenting with Density (Making a Density column) (Make a chart that shows what floats on what, and what sinks.)
<https://www.fizzicseducation.com.au/150-science-experiments/kitchen-chemistry-experiments/making-layered-liquids/>

These are some Cool Chemistry type things to try. Just make sure you get a parent's permission when using food things or other cleaning type chemicals for these experiments. Some of them I will recommend that you get parent or adult supervision and assistance when completing.

1. Make Ice Cream in a Bag (Yum, try different flavor additives)
<https://sciencebob.com/easy-to-make-ice-cream-in-a-plastic-bag/>
2. Make Your Own Rock Candy (Yum, which Kool-aid makes the best candy flavor?)
<https://sciencebob.com/make-your-own-rock-candy/>
3. How to Make Slime (Method 1)
<https://sciencebob.com/make-some-starch-slime-today/>
4. Pen Chromatography (So that is what it takes to make a black pen black, or Orange or Purple!)

<https://www.fizzicseducation.com.au/150-science-experiments/kitchen-chemistry-experiments/pencil-chromatography/>

5. How to Make Slime (Method 2)

<https://www.fizzicseducation.com.au/150-science-experiments/kitchen-chemistry-experiments/dish-soap-slime/>

If you make both slimes, Which one do you like better? Which one was easier for you to make?

These are some Cool Earth Science type things to try. Just make sure you get a parent's permission when using food things or other cleaning type chemicals for these experiments. Some of them I will recommend that you get parent or adult supervision and assistance when completing.

1. Egg Shell Geode Crystals

<https://sciencebob.com/eggshell-geode-crystals/>

2. Making a Volcano at home

<https://www.fizzicseducation.com.au/150-science-experiments/geology-rocks/make-a-volcano/>

3. Find True North

<https://www.fizzicseducation.com.au/150-science-experiments/geology-rocks/finding-true-north/>

These are some Cool Biology / Human Anatomy type things to try. Just make sure you get a parent's permission when using food things or other cleaning type chemicals for these experiments. Some of them I will recommend that you get parent or adult supervision and assistance when completing.

1. Finding Your Blind Spot

<https://www.fizzicseducation.com.au/150-science-experiments/human-body-science/find-you-blind-spot/>

2. Testing Your Taste Buds

<https://www.fizzicseducation.com.au/150-science-experiments/human-body-science/test-your-taste-buds/>

3. Benham's Disc (testing your eyesight and color distinguishing)

<https://www.fizzicseducation.com.au/150-science-experiments/human-body-science/benhams-disk/>

4. Mind Reading Card Trick

<https://www.fizzicseducation.com.au/150-science-experiments/human-body-science/benhams-disk/>

5. Try to grow something. (flower, vegetable, fruit)

<https://home.howstuffworks.com/green-living/sixtysixthings-growhome-containers-withoutgarden.htm>