

## 2-3rd GRADE SCIENCE PROJECT SUGGESTIONS

Participation is strictly voluntary. Students are encouraged to work in groups due to space considerations. **Students may do an experiment, or may make a model demonstrating something they have learned. Whatever the topic, it should be something they can understand.** It should be their project, at their level, and not something really cool that is way above their level of comprehension.

**Possible topics are listed below. Do not feel constrained by this list. Go for whatever topic is interesting to your child.**

1. Make a collection of seeds from the neighborhood, and figure out what plant they came from, or how they most likely spread (wind, sticking to fur, being eaten, etc)
2. Fossils – make a footprint in wet sand, then pour Plaster of Paris into it to make a cast of your foot. Or cut up a plastic dinosaur and mix it into Plaster of Paris for your child. Let her then chip away the plaster like an archaeologist would do to recover the pieces.
3. Make a salt solution, then let the water evaporate and see if you get all of the salt back.
4. Collect up some baby teeth that you or your friends have lost. Soak them in coke, milk or juice and see what happens. Try coating them with a fluoride toothpaste first and then put them into the drinks and see what happens. If you don't have baby teeth available, you can do this with eggs, too; the calcium in the egg shell is a model for the calcium in the enamel of your teeth.
5. Set up a bird feeder. Use different kinds of bird seed, and see if different birds come, or if there are a lot more birds with one particular kind.
6. Do a similar thing with your pet – see what is their favorite food, or flavor of water. See if putting food coloring in their food or water affects whether or not they like it.
7. Make different types of paper airplanes and see which design flies the farthest (or which type of paper works best.)
8. Mix different liquids at home with baking soda and see which make it fizz the most.
9. See what brand of popcorn pops the best.
10. Experiment with ingredients to make the fluffiest, most delicious cake.
11. Gather a variety of balls. See which ball bounces highest. Experiment with different surfaces to see how the height of the bounce is effected.
12. Use thermometers and different sheets of construction paper to see how different colors react to heat. Place the thermometer under a piece of colored construction paper and leave in direct sun for 10 minutes. Record the temperature, and repeat with different colors. Record and assess your results.
13. Invent a way to make a noisy room quieter.