

## K-1st 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. Collect leaves and look at them closely. See what they all have in common and what is different.
2. How we grow and change – make tracings of hands or feet of people in your family and see how much they differ in size.
3. Can you invent a way for your baby brother or baby sister to reach the light switch by themselves?
4. Do you have an object at home that can be broken into parts? What do each of the parts do? Will the object work without each part? What tools did you use to get the object apart?
5. Explore whether some liquids expand more than others when they freeze.
6. Can you figure out why objects look different colors? Could you use different colors of cellophane and a flashlight to find out?
7. Here is a psychology experiment: Start with a short story on a card. Have one person read the story to someone else. Have that person tell another person the story, and so on . . . How does the story change? Does it always get shorter? What details change?
8. Which magnet can pick up the most paperclips? Does size matter? Does shape? Does what the magnet is made out of matter?
9. Can you invent a way to reduce the amount of waste that you generate at home? How about at school?
10. Is there a shampoo you can use to keep your hair from tangling?
11. Does the temperature of your body go up when you exercise?
12. What makes something alive?
13. Does taco sauce clean pennies? If so, what part(s) of the taco sauce clean the pennies?
14. What keeps diapers from leaking? How much liquid can a diaper hold?
15. Can you invent a way to read a book at night without waking up your siblings?