

Mad Science



Books

Science Verse by Jon Scieszka (ages 7 to 10)

What is a Scientist? By Barbara Lehn (ages 4 to 8)

Bartholomew and the Oobleck by Dr. Seuss (ages 6 to 10)

Sisters and Brothers by Steve Jenkins (Ages 6 to 10)

Super Science Lab by Harris

Activities – learn about states of matter: liquid, solid and gas

Demonstrate states of matter with water, ice and steam (bring an electric kettle and some ice with you.)

Oobleck experiment (Materials: Corn starch, water, mixing bowls, spoons, food coloring, measuring cups, cookie sheets or disposable foil pans, paper towels, a bucket with water, plastic table cloth or newspaper.)

Mix corn starch, water and food coloring to make oobleck—a weird substance that is solid when compressed and liquid when it's not.

“Pour a cup of corn starch into a bowl. Slowly add water until it turns goopy. You'll need about half a cup of water. Now add a few drops of food coloring, to make it look TOXIC.” *Super Science Lab* p. 53.

Make two batches in two different bowls and pour it into cookie sheets for kids to put their hands in—but be sure to put newspaper or plastic down first, as it's hard to get out of the carpet! Also make sure there is a bucket of water on hand for kids to rinse their hands before washing them—do NOT put corn starch mixture/oobleck down the drain. It will solidify and clog the drain.