Goopy Stuff to Play With

Biodegradable Plastic
1 T cornstarch   paper cup or plastic bag 2 drops corn oil 1 t water
     2 drops food coloring

1. Place cornstarch in the paper cup or plastic bag.
2. Add oil and then water. Stir.
3. Add food coloring and stir.

Green Slime
2 cups liquid starch   2 cups white glue   food coloring

1. Cover work surface with newspaper.
2. Add a few drops of food coloring to the white glue.
3. Stir in liquid starch, small amounts at a time.
4. Keep stirring until the mixture is smooth and rubberlike. The dough should move away from the sides of the bowl and be sticky to the touch.
5. Add a few more drops of starch to eliminate the sticky feel.
6. Store in an airtight container, and refrigerate overnight.

Oobleck
Oobleck is the name of this substance that resembles the green rain Dr. Seuss describes in his book Bartholomew and the Oobleck. It is a unique substance that exhibits properties of both liquids and solids.

Green food coloring

Bowl   1 16-oz box cornstarch   Table covering   1 1/2 cups water
Paper towels   Measuring cup

1. Add several drops of food coloring to the water.
2. Pour half the water in the bowl.
3. Add the entire box of cornstarch.
4. Mix, adding the remaining water slowly until the mixture flows like a liquid when the bowl is tipped and feels like a solid on the surface.
5. Add more cornstarch if the mixture is too soupy or water if it is too thick.
Oobleck is best cleaned up dry. Never pour it down the drain! It will cause a clog. Let any spillage dry, then sweep up or wipe away.
Play Dough

- 1 cup flour
- 1 tablespoon oil
- 1 cup water
- 1⁄4 cup salt
- a few drops peppermint flavoring
- food coloring
- 2 t cream of tartar

1. Cook all ingredients over medium heat until the mixture pulls away from the side of the pan and reaches the consistency of playdough.
2. Knead until cool.
3. Store in an air tight container.

Surprise Play Dough

Same ingredients as for Play Dough above

1. Cook all ingredients EXCEPT FOOD COLORING over medium heat until the mixture pulls away from the side of the pan and reaches the consistency of playdough.
2. Knead until cool.
3. Divide the dough into balls, one for each student.
4. Hide a few drops of food coloring in the center of each ball but DO NOT MIX. Use different amounts and colors of drops in each ball so that each child's dough will be different. As students start to play with their dough, they discover there is color and that the colors are different.

Bubble Solution

- 4 cups sugar
- 4 quarts water
- 2 cups dish washing liquid

1. Stir the sugar into the water until it dissolves.
2. Add the dish washing liquid and stir again.
3. Divide the solution (four quarts) into several shallow tubs or buckets.
4. Provide slotted spoons, canning rings, plastic lids with centers cut out or flyswatters for blowing bubbles.