

Candy Heart Oobleck Valentine's Day Science

What you need:

- Candy Conversation Hearts
- 1/2 Cup Cornstarch
- ½-1 Cups of Water
- Bowl
- Spoon
- Red Food Coloring
- Shallow Pan or Pie Dish



What you will do:

- 1) Start by adding the cornstarch to the bowl
- 2) Add the water and get ready to mix
- 3) Add two drops of red food coloring
- 4) Mix the cornstarch, water, and food coloring together
- 5) Add your candy hearts to the mix
- 6) Place mixture into pan
- 7) Play with the Oobleck by:
 - a. Picking up a clump in your hand
 - b. Form it into a ball
 - c. Watch the Oobleck turn into a liquid back into the pan or bowl



**"Oobleck is for science
not eating"**

Facts about Oobleck and Valentine's Day

Oobleck:

- A mixture is a material made up of two or more substances to form a new material which is our Oobleck!
- A solid has its own shape whereas a liquid will take the shape of a container it is put into.
- Oobleck is called a non-Newtonian fluid. This means it is neither a liquid nor a solid but a bit of both!
- You can pick up a clump of Oobleck like a solid and then watch it ooze back into the bowl like a liquid

Valentine's Day

- King Henry VII of England declared St. Valentine's Day a holiday in 1537.
- Chocolate is the most popular Valentine's Day Gift.
- Teachers receive the most Valentine's Day cards.
- Why is the color red the symbol of Valentine's Day? Red is the color of blood. It was once believed that the heart (the body's organ that pumps the blood) is that part of the body that the feeling of love came from.

