

## Wacky Science: Oobleck



### Supplies and Set Up:

- Set up 2-3 rectangular tables with plastic table cloths over them
- At each table, place two mixing bowls and two dishes at the middle of each table
- Provide each table with cornstarch and bottles of water or a pitcher of water for creating the Oobleck and a 1 cup measuring cup and 2-3 plastic spoons for campers to share.
- Provide each table with a variety of food coloring colors

### Instructions:

- Today, campers will be creating the scientific and magical mud called Oobleck!
- To start, have campers work together to measure out 2 cups of cornstarch and add it to the dish.
- Next, allow the other campers at the table to measure 1 cup of water and pour it into the mixing bowl.
- Allow the campers to discuss together what color they want to make their Oobleck
- Once they have decided, add the food coloring to the water in the mixing bowl.
  - Remember that you have a lot of white cornstarch so you will need a good amount of food coloring if you want a vibrant color.
- Combine both the cornstarch and colored water in the dish the cornstarch is in already.
- Campers can work together to start mixing up their Oobleck with their plastic spoons.
- After mixing it up some with the spoon, allow campers to get their hands messy during the mixing process and mix it together with their hands if they want to.
- Once the Oobleck is mixed to the desired consistency, campers can play with their creation.

### Helpful Tips:

- For the best Oobleck consistency: The perfect Oobleck recipe ratio is when you can pick up a clump in your hand, form it into a ball of sorts, and then watch it flow like a liquid back into the pan or bowl.
- If you desire more Oobleck, the ratio to create it is simply 1:2 (one cup of water and two cups of cornstarch).