



## \* Summer Reading Program\*

### Fantasy



#### **Description:**

Tornado in A Jar

#### **Materials:**

- As large a glass jar you can find, with its lid
- A few squirts of liquid dish soap
- Water
- Optional: Glitter
- Optional: pebbles, marbles, sand, rice, or other small objects

#### **Instructions:**

- Fill the jar nearly to the top
- Put 2-3 squirts of dish soap in the water
- Tightly screw on the lid
- Swirl your jar around in a circular motion, as quickly as possible

- When you set the jar on the counter, a tornado should appear in the middle of the jar
- Optional: You can add some glitter to the water to make the tornado easier to see

### **Observations/Results:**

- Does the tornado form better if you swirl the jar quickly or slowly?
- Try adding a few pebbles, marbles, sand and/or rice to the jar to see if the tornado still forms and if it carries the debris up into its funnel

### **Additional Ideas:**

- Try using different size and shape jars to see if it still forms a tornado

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