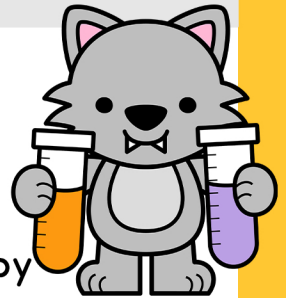




# TEST WITH AN EXPERIMENT

**Design an experiment that changes only one thing (the "variable") while keeping everything else the same. Repeat your experiment several times to make sure your results aren't just by chance, and always ask an adult for help when needed.**

## EXAMPLE QUESTIONS



1. "I'll test whether salt affects how quickly water freezes by placing cups of water with different amounts of salt in the freezer."
2. "I'll test which brand of paper towel is strongest by wetting them and seeing how many pennies they can hold before tearing."
3. "I'll find out if music affects plant growth by playing different music to different plants for the same amount of time each day."
4. "I'll compare homemade slime recipes to see which one stretches the furthest without breaking."
5. "I'll test if the shape of a paper airplane affects how far it flies by making different designs and measuring flight distance."