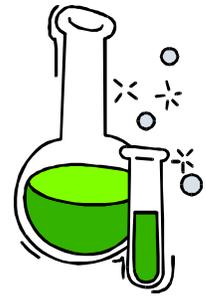


# Ideas for Simple Experiments



## Consumer Product Tests

*(Substitute two brand names for the terms Brand X and Brand Y.)*

- Which brand of popcorn pops the most, Brand X or Brand Y?
- Which brand of paper towel absorbs the most water, Brand X or Brand Y?
- Which brand of gum keeps its flavor the longest, Brand X or Brand Y?
- Which brand of dish detergent makes the best bubbles, Brand X or Brand Y?
- Which brand of batteries lasts the longest, Brand X or Brand Y?

## Other Experiments

*(Let these ideas spark your imagination! Modify or adapt as needed. Always remember to treat animals in a humane manner when designing experiments involving living organisms.)*

- Which type of ball bounces the highest, a tennis ball or a basketball?
- How will soap affect the number of water drops that will fit on a penny?
- Do ants prefer sugar or artificial sweeteners?
- Which heats up faster, water or soil?
- Do plants grow taller in sunlight or darkness?
- Do seeds sprout better in sunlight or darkness?
- Do hermit crabs prefer moist or dry soil?
- Do crickets prefer to eat corn seeds or radish seeds?
- Do lizards prefer a sunny or a shady terrarium? *(Note: Do not leave a terrarium in direct sunlight as it will overheat and kill the organisms. Use a lamp for this experiment and keep a close watch on the terrarium.)*
- Does the amount of weight on a pendulum affect its swing time?
- Does the length of a pendulum's string affect its swing time?
- How does the type of surface affect the distance a toy car will travel?
- Does the water temperature affect the number of times a goldfish breathes in a minute? *(Note: Do not vary the temperature enough to harm the goldfish. Research this question to find the range of temperatures that are permissible.)*
- When making homemade ice cream, does rock salt or table salt cause the ice cream to freeze faster?
- Which paper airplane design results in an airplane that travels the farthest distance?
- How does the width of a paper helicopter's wings affect the amount of time it takes to fall?