

MORE SCIENCE PROJECT IDEAS

PLANTS

1. Will vitamins affect the growth of a plant?
2. Do weed killers affect houseplants?
3. How do the moon phases affect plant germination?
4. How fast do roots grow?
5. Does the amount of light on plants affect their growth?
6. Does the amount of water given plants affect their growth?
7. What is the effect of detergent on bean seeds?
8. Under what color light do plants grow best?
9. In what kind of material (sand, clay, etc.) do seeds grow best?
10. What is the effect of chlorinated water on plant growth?
11. How do the number of seeds produced by different plants compare?
12. Will frozen seeds sprout?
13. Will plants grow better in soil or water?
14. What can be done to increase the decomposing rate of plants?
15. Do living plants give off moisture?
16. Do living plants give off oxygen?



ANIMALS

Important! Treat all animals with respect. Do not mistreat animals in your experiments.

1. What kind of life can be found in 1 square meter of backyard soil?
2. How does a bird embryo grow in an egg?
3. Can mice distinguish color?
4. How do mealworms respond to light?
5. How does an earthworm react to light and darkness?
6. Do different kinds of caterpillars eat different amounts of food?
7. Do mint plants repel insects?
8. What color of flowers attracts hummingbirds best?
9. What colors attract moths and other insects at night?
10. Does temperature affect the flash rate of fireflies?
11. At what rate do pets drink water?
12. What is the effect of temperature on the activity of (meal worms, crickets, etc.)

CONSUMER SCIENCE

1. Which chewing gum holds the flavor the best?
2. Which detergent breaks up oil the best?
3. How does the absorption rate of various paper towels differ?
4. Which detergent makes the most bubbles?
5. How does the wattage of a light bulb affect energy use?
6. Which brand of glue holds two boards together best?
7. Which brand of popcorn pops the fastest?
8. Which brand of diaper holds more water?



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EARTH AND SPACE

1. Does the moon rise every night at the same time and in the same location in the sky?
2. How accurate are long-range weather forecasts?
3. Is rainwater absorbed at the same rate in different kinds of soil?
4. From which direction does the wind blow most frequently?
5. How warm is it under the snow?

HUMAN BODY

1. Which grows faster, body hair or scalp hair?
2. How do fingertips differ?
3. Do all people have the same normal body temperature?
4. Are certain dominant traits exhibited in the same family?
5. Who has bigger hands, boys or girls?
6. How accurately can you tell the temperature of an object by touch?
7. Who are, generally taller - boys or girls?
8. How fast do muscles get tired?

PHYSICAL SCIENCE

1. What is the effect of heat when dissolving sugar? Salt?
2. Why is salt put on icy sidewalks?
3. What is the acidity of various household products?
4. How fast do fabrics burn?
5. What kind of materials can put out a fire?
6. Do all crystals have the same shape?
7. How much of the air is oxygen?
8. Can seawater be "desalted" by freezing?
9. How is the strength of a magnet affected by glass, cardboard and plastic?
10. What is the best shape for a kite?
11. How does a pulley help you do work?
12. How does the use of paint prevent the formation of rust?
13. Which holds two materials together better, a screw or a nail?
14. Do all objects fall at the same speed?
15. How does the weight of a pendulum affect the swing?
16. How is the distance a cart rolls affected by the mass in the cart?
17. On what kind of surface will a ball roll fastest?
18. Which kind of metal conducts heat best?
19. Does sound travel best through solid, liquid or gas?
20. What materials provide the best insulation?
21. What is the effect of temperature on the volume of air?
22. How does the length of a vibrating body affect sound?
23. How does the design of a paper airplane affect its flight?



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