



Ideas to get you started

Here is a list of topics and questions that you might like to investigate further for a science project. This is just to get you started!

Acids and bases	Conservation	Gravity	Photosynthesis
Aerodynamics	Constellations	Heat	Pollution
Airplanes	Crystals	Inertia	Rockets
Amphibians	Earth	Insects	Rocks
Astronomy	Ecology	Light	Senses
Birds	Electricity	Magnets	Solar system
Bones	Energy	Mammals	Sound
Bubbles	Engines	Math	Static electricity
Cells	Fish	Muscles	Trees
Chemical reactions	Flowers	Nutrition	Water
Colors	Geology	Oceans	Weather
Computers	Global Warming	Parasites	

Behavioral science

How long does it take to teach a dog a new trick?

Can you teach a cat a trick?

Do you remember your dreams?

Our bodies

What is the most common eye color?

If you pinch your nose closed, do foods taste the same?

How long does it take for your heart rate to go back to normal after exercising?

Do boys or girls have bigger hands?

Are everyone's fingerprints the same?

Plants & gardening

What kinds of seeds sprout fastest?

Do seeds need light to sprout?

What happens if you cover a plant's leaves with paper, plastic wrap or tin foil?

What happens to a plant if you take away light or water or change the air temperature?

Does fertilizer really help plants grow?

Does a banana ripen faster in cold or warm temperatures?

Chemistry

Do oil and water mix?

What liquids are heaviest?

(OVER)

What things can I use to make a dirty penny shiny again?
How can I grow crystals from ordinary household products?
Why does salt melt ice?

Consumer science

What laundry products work best to remove stains?
What stains are hardest to remove?
What brands of popcorn pop the most kernels?
Do homemade cookies taste better than refrigerated dough cookies?
Does mold grow fastest on white or wheat bread? In the light or dark?
Do different brands of gasoline help a car get better miles per gallon?
Where are the best and worst places for cell phone reception?
What kind of chewing gum holds its flavor the best?
Which dishwashing detergent makes the most bubbles?

Engineering

What designs of paper airplanes fly the farthest?

Physics

What kinds of balls bounce highest, or longest?
Do all objects fall to the ground at the same speed?

Math

If I flip a coin 1,000 times, how many times will it come up heads?

Sun, stars & planets

Does the moon rise at the same time and in the same location every day?
Can I tell time using the sun?
Is my shadow the same length at all times of the day?
Do the streetlights on my street come on at the same time each day?

Weather

What causes hurricanes?
What causes global warming?