

Science Fair Project Ideas
Scott Foresman Science K-5

Kindergarten

What can the wind move?

Can different types of clouds predict the weather?

What shape makes the best doorstep?

Which melts first?

Do all objects of the same material sound the same when dropped? (need to be able to measure sound)

Do seeds need water?

First Grade

Does the sun warm land or water first?

Which will erode faster – sand, soil with compost, or clay soil?

How close are predicted temperatures to actual temperatures?

Which kind of soil is best for plants?

Which kinds of foods do birds prefer?

Does the placement of the fulcrum affect the amount of weight lifted?

Does the changing of the shape of a paper airplane affect how far it flies?

Does changing the size of a wagon's wheels improve how quickly a wagon will travel?

Do bottles with different amounts of water make different sounds?

Do bottles with liquids which flow differently make different sounds?

How does changing the light source affect the activity level of invertebrates in a terrarium?

Which types of seeds do birds prefer? goldfinches? sparrows?

Grade 2

Does wrinkling the foil change the amount of light reflected?

Does water affect seed coats?

Do seeds need soil to germinate?

Will seeds grow faster in a warm or cold environment?

Do sunflower seeds grow faster in natural sunlight or artificial light?

Does the type of water affect seed growth?

Does gravel, sand or soil make the best imprint?

Will water evaporate faster in a warm or cold environment?

Will the temperature change the same amount every day?

Do different amounts of sunlight affect the growth of plants?

Does the moon look the same over a 30-day period?

Grade 3

Does the amount of water affect the germination of bean seeds?

Does a jade plant prefer a moist or dry environment?

Do mealworms prefer a moist or dry habitat?

How does the size of a meteorite affect the size of the crater?

Does the height that a meteorite is dropped from affect the size of the crater?

How long do particles settle in water?

Will a pebble travel the same amount of time through different fluids?

Does the size of particles affect the amount of time they settle in water?
Do different size seeds have the same germination rate?
Do all mealworms change from a pupa to an adult in the same amount of time?
Does the day of the week affect the types of bottles and cans placed in recycling bins?
Does the amount of hair on a spider's legs increase the frequency of getting caught in a web?
How does the amount of energy affect the distance a car will travel?
Does the width of a rubber band affect the pitch of the vibration?

Grade

Do pillbugs prefer a damp, wet, or dry environment?
Which seed will grow into a taller plant in a four week period – bean or corn?
Will the mass of a toy car affect the distance traveled?
What type of soil will erode the least during a rainstorm?
Do plants affect the amount of erosion of soil?
How does the speed of rain affect the amount of soil erosion?
Does water temperature affect the amount soil erodes?
How does the payload mass affect the distance traveled of a model rocket?
Does the shape of a rocket's nose affect the distance it travels?
Does the material a rocket is made of affect the distance it travels?
How do wind conditions affect the rate of evaporation of water?
What affect does the acidity of liquid have on chalk?
How does temperature affect the rate of evaporation of salt water?
How does temperature affect the rate of condensation of salt water?
Do mealworms prefer damp or dry places?
Does temperature change the amount of time mealworms changes stages?
How does acid rain affect building materials?

Grade 5

How does the amount of salt affect the hatching of brine shrimp?
Can you change the poles of an electromagnet?
Does the size of a battery affect the strength of an electromagnet?
Can you remove salt from saltwater?
Are two pulleys better than one?
How does temperature affect the growth of crystals?
Does the velocity of water affect the distance sediments will travel?
Does the sediment size affect the distance traveled in water downstream?
Which rain gauge is more accurate?
Do all pens lose their writing ability in the same amount of time as a result of gravity?
Do different cups affect the outcome of a solar cooker?
Which material is the best insulator?
Does changing the electrical current affect the poles?
Which method would remove the most salt from saltwater – freezing, evaporation, or condensation?
Which environment does a mealworm prefer?