

Possible Science Fair Questions Imperial Estates

Science Category

Does light color affect the growth of a plant?

Does temperature affect the strength of 3D printed models?

Does the presence of fire ants affect the growth of a lima bean plant?

Will algae grow faster with added carbon dioxide or the regular amount found in the air?

Does using leftover water from rinsing fruits and vegetables affect plant growth?

Which sunscreen for kids is most effective in blocking harmful ultraviolet rays?

Does the shape of a 3D object affect how light scatters?

Does magnetism affect the growth of plants?

Does the size of a salt crystal affect the rate ice melts?

Does the space between dominoes affect how fast they will fall?

What materials block Wi-Fi signals?

Do Wi-Fi signals affect plant growth?

Engineering Category

Does the number of blades affect how many rotations a turbine can make?

Can you build a "launcher" device to launch a ball as far as possible and a "receiver" to catch it?

Can you build a gravity-powered sorting machine that can separate small and large plastic spheres?

Which bridge shapes and designs are the strongest?

Can you build a battery that is made from paper?

Can you design a sorbent that is better at absorbing oil from water?

What is the best technique to turn pond water in to safe drinkable water?

Can you build a soil moisture sensor to conserve water?

Computer Science Category

Can you write a computer program that tells a cartoon to draw shapes?

Can you code a chase game?

Can you program a robot to complete a specific task?

What programming language is most efficient for programming microcontrollers?

Can you create a game that will predict the user's favorite color?

