

## Science Fair Ideas

Here are some ideas that you might use for your science fair project. They are just ideas – try to make up your own question. You could also search for science fair projects on YouTube, Google or look at [www.all-science-fair-projects.com](http://www.all-science-fair-projects.com).

<p><b>Biology (Animals, Plants and the Environment)</b></p> <p>What cat food does my cat prefer?</p> <p>Do old people prefer different chocolate bars to young people?</p> <p>Does more expensive chocolate taste better ?</p> <p>How far can a snail travel in a night?</p> <p>Where is the best place to find woodlice?</p> <p>What kind of food do wild birds prefer?</p> <p>What is the most popular flavour of crisps?</p> <p>Where is the best place to ripen bananas?</p> <p>Do low fat foods really contain less fat?</p> <p>Where is the best place to sprout cress?</p> <p>Where is the best place to find four leaf clovers?</p> <p>Do limpets move along a rock at high tide?</p> <p>What is the best way to learn times tables?</p> <p>Does music help you concentrate?</p> <p>What Insect from the garden is the most aggressive? (Insect fight club)</p>	<p><b>Chemistry</b></p> <p>Do Mentos make all types of cola fizz?</p> <p>What stains does your washing machine remove?</p> <p>What foods make baking powder fizz?</p> <p>What coins make the best battery?</p> <p>What metals can coke dissolve?</p> <p>What drink dissolves teeth the fastest?</p> <p>What surfaces does Sellotape stick best to?</p> <p>Do glow sticks last longer in the fridge?</p> <p>What year did 2p's become magnetic?</p> <p>Does seawater make nails rust faster than rain water?</p> <p>How can you stop a bike chain going rusty?</p>
<p><b>Physics (Electricity, Gravity)</b></p> <p>What part of a football should you kick to make it go the furthest?</p> <p>Can you throw light or heavy balls the furthest?</p> <p>Does toast fall butter side down more often?</p> <p>Which type of battery lasts the longest?</p> <p>Is it quicker to run up a hill or ride a bike?</p> <p>Does the lead in a pencil really break when you drop it on the floor?</p> <p>What day of the week do you use the most electricity in your house?</p> <p>How can you make a stronger electromagnet?</p> <p>Does a torch last longer if it is left on in a fridge?</p>	<p><b>Earth Science (Rocks, Weather and Space)</b></p> <p>Where is the best place to find pebbles with holes in on the beach?</p> <p>Does it rain more at the weekend?</p> <p>Where is the best place to spot planets at night?</p> <p>Is it warmer on cloudy nights?</p> <p>Does a full moon affect the tides?</p> <p>Where is the best place to find fossils on the beach?</p> <p>Where can I find micrometeorites?</p> <p>What speed should you drive to save the most fuel?</p>

What next

- 1) Write out the question you want to answer
- 2) Plan your investigation on the planning form and show it to your science teacher
- 3) Carry out your investigation
- 4) Make a poster to show what you have found out (make sure you include your Name and Class/Teacher on the poster so we know who you are)
- 5) Bring the poster into school

**Science Fair Planning Form**

**What question are you going to investigate (pick one from the list or make up your own)?**

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**What equipment or materials will you need?**

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**What will you do to find the answer to this question?**

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**Try to draw what your blank table of results will look like**

**I am happy for my child to carry out this project**

**Parent/guardian signature .....**