

Science home learning

Summer 1

Hi everyone,

I hope that you are all doing okay during this very challenging time! For your science home learning I would like you to investigate and complete a science project! I have listed some ideas for your science investigations in a table below suitable for each year group. What you will need to do:

- Carry out an investigation (weekly, fortnightly, when it's best for you) see list of ideas.
- Record your findings, using photographs, a model (if you need one), a few sentences explaining what you have found out etc. This is your choice.
- Explain what you have learned.
- You can present your findings as a poster form, as a book or even a video blog! It is entirely up to you.
- Most importantly, have fun!

It would be great if you would bring your science projects into school to share with your class when we return to school. The choice is yours. Also, if you want to investigate anything related to science that interests you, please do!

Stay safe and I look forward to seeing you all soon!

Miss Swan

Ideas for your science projects

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| Reception <ul style="list-style-type: none">• Which objects float or sink?• How do plants grow?• Explore different materials with different textures.• Make a homemade marble run made from recycled materials.• Make a wind chime or a wind sock to learn about the weather. | |
| Year 1 <ul style="list-style-type: none">• Which trees grow in the local area?• What happens to trees in each season?• How do habitats change over the seasons?• Just because we are older, are we bigger/taller?• Can you sort leaves according to their characteristics?• Is all paper the same? | Year 2 <ul style="list-style-type: none">• Can you match an animal to its offspring?• Which animals live in an oak tree?• What does (name of animal) need to survive?• Make a food chain using the animals from the <i>Gruffalo</i>.• Do all animals with webbed feet live on or in water? |
| Year 3 <ul style="list-style-type: none">• What material is best to block out UV light?• What is the best material to reflect UV light?• How do growing conditions affect seed germination?• How does water travel up the stem to the flower?• What job do our muscles do?• How do fossils form? | Year 4 <ul style="list-style-type: none">• Which liquid is the least healthiest for our teeth?• Where is the best place to dry washing?• What material is best for sound proofing?• What do animals in African grasslands eat?• How does the temperature of water change over time? |
| Year 5 <ul style="list-style-type: none">• How does a planets distance from the sun affect its temperature?• How does the surface or height of a ramp affect how a car travels along it?• What is the best material to make a shopping bag?• How does the type of string and straw used affect the distance travelled by a balloon?• Can you write a menu for a vegan restaurant? | Year 6 <ul style="list-style-type: none">• What conditions are needed for bread to go mouldy?• How are nutrients and water transported in the body?• How have animals adapted to live in the Arctic?• What is in blood?• How does exercise affect your heart rate?• Can you describe your life without plastic? |