STEM at Home



Choose some activities from the grid while you’re at home. And keep wondering…

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| STEM P1.jpg | Sort some toys into push and pull forces.Can you remember the 3rd type of force? | Create some shadow puppets and tell your favourite story. | Ask an adult to help you put some water in the freezer to become ice. | Explain to an adult what will happen when you take the ice out of the freezer. |
| At 10am each day, join Glasgow Science Centre online with an adult for experiments and activities. (Facebook, Instagram or Twitter)#GSCAtHome | Sort some household objects into 2 groups: floats and sinks. | Draw a picture showing how to stay safe around electricity. | Chat with your family about how we might look like our relatives. | How many animal baby names can you match to the adult name, eg cat and kitten? |
| Chat with an adult about how common illnesses are spread and how we keep ourselves healthy.  | Have a paper aeroplane race – who can make theirs go far? | Use things from around the house to make a simple musical instrument. | Explain to an adult what your 5 senses are. |

P1, P2

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| STEM P4.jpg | Using a (fridge) magnet, how many magnetic objects can you find around the house? | Sort some household objects into 2 groups: floats and sinks. | Create a poster pointing out the need to use electricity safely.  | Have a paper aeroplane race – who can make theirs go far? |
| At 10am each day, join Glasgow Science Centre online with an adult for experiments and activities. (Facebook, Instagram or Twitter)#GSCAtHome | Create some shadow puppets and tell your favourite story. | Help a grown up sort your household recycling. | Observe the sky tonight and draw the moon and stars. Can you identify any constellations? | Use bits and pieces from around the house to make a model invention to look after plants while you’re away. |
| Watch out for STEM stories online or on TV. Take notes of anything interesting for discussion in class. | Create a seasons picture, showing how a tree changes through the year. | Try drawing your skeleton. How many bones can you name? How can we keep our bones healthy? | Sort some household gadgets by whether they use batteries or mains power. |

P2-3, P3, P4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| STEM P7.jpg | Use bits and pieces around the house to make a model invention that would make your life easier. | Choose an animal or plant and try to do some research of your own. Record what you find any way you choose so you can share your work. | Design and perform a fair test experiment. Record your results.  | P5 -Try to draw a diagram of the eye. How many parts can you name? Explain to an adult how it works. |
| At 10am each day, join Glasgow Science Centre online with an adult for experiments and activities. (Facebook, Instagram or Twitter)#GSCAtHome | Use a piece of paper to make a floating platform. How many pennies can it hold before sinking? | Observe the sky tonight and draw the moon and stars. Can you identify any constellations? | Watch out for STEM stories online or on TV. Take notes of anything interesting for discussion in class. | P6 -Try to draw a diagram of the eye. How many parts can you name? Explain to an adult how it works. |
| Design three paper aeroplanes and test them to see which design is best. | Make a list of living things, maybe with a friend or adult. Then classify them as animal or plant (or microorganism). | Create a food chain showing producers and consumers. Can you explain the words predator and prey? | P7 -Try to draw a diagram showing the organs in a human body. How many can you remember? |

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P5, P6, P7