



Screen Free Fridays: What will we do today?

Key Stage: EYFS

Date of activities: Friday 4th March

| Morning Activity (STEM/Investigations based): | Activity guidance: | What will we need? |
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| Will it sink or float | <p>Some objects sink but other float and we call this buoyancy. Talk about and make predictions about whether or not you think different objects will float or sink.</p> <p>We make predictions all the time, just like scientists do. Communicating and testing our ideas is an important skill that children develop that enables them to explain their ideas building on their existing knowledge of cause and effect.</p> | <p>Container filled with water and any objects from around the house that want to test.</p> <p>Sink or float experiment You could try this experiment using a mandarin.</p> |
| Afternoon Activity (Creative/Physical/Play/Exploration based): | Activity guidance: | What will we need? |
| Design your own boat | <p>Can you design your own boat that will float on water? Engage your child in discussion around why some boats sink and others float. Encourage them to notice differences in properties material properties like shape, size and weight.</p> <p>Planning what they want to do and how to go about it supports children to learn how to work towards an end goal and construct with purpose. Using your imagination to create plans is an important step in mark making and expressive art.</p> | <p>Pen and some paper to record your design.</p> <p>Here are just some ideas that you can use for inspiration: How-to-build-a-boat</p> |

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| Float your boat | <p>Use household objects or 'junk' to bring your boat design to life. You could even make different boats with different materials and see which one floats the best. Fill a large container with water and see if your creation floats or sinks.</p> <p>Carrying out investigations helps children develop skills like critical thinking, problem solving and communication. These skills are transferable to a wide range of situations that children face in everyday life.</p> | <p>Any materials you might have around the house such as: cereal boxes, yoghurts pots, egg cartons and anything else you can find to build your own boat.</p> |
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