

All Saints Multi Academy Trust, Birmingham

Home Learning

KS1 Science Week 4 Materials/ Building things 45 – 60 minutes daily All work should be completed in their pupil work book or a piece of paper. Worksheets are numbered by day and are available online or for collection from the school office. Work can be photographed and emailed for weekly feedback.		Monday	Tuesday	Wednesday	Thursday	Friday
		Lesson 6	Lesson 7	Lesson 8	Lesson 9	Lesson 10
Learning Objective		LO: To understand which materials are suitable for different objects.	LO: To investigate what material I could use to build a wall	LO: To investigate whether our wall is waterproof	LO: To investigate which materials can withstand strong winds	LO: To investigate which materials can be blown down
Lesson Link		https://classroom.thenational.academy/lessons/which-material-is-best-for-different-objects-60vkar	https://classroom.thenational.academy/lessons/what-material-could-i-use-to-build-a-wall-c5hpad	https://classroom.thenational.academy/lessons/is-the-wall-ive-built-waterproof-cru68d	https://classroom.thenational.academy/lessons/which-materials-can-withstand-strong-winds-cruk2c	https://classroom.thenational.academy/lessons/will-the-wall-ive-built-withstand-strong-winds-c8wk0r
Lesson outline		<p>In this lesson, we will be learning about materials and their properties. We will also learn why certain materials are used for specific purposes because of their properties.</p> <p>You will need a piece of paper and a pencil.</p>	<p>In this lesson, we will be discussing different materials and their properties. We will be analysing different objects and identifying the material's properties. We will be building and creating mini walls and using them in our experiment in the next lesson, 'Is the Wall I've Built Waterproof?'. If you would like to take part in this lesson you can choose to build all or 1 wall. You will need either playdough, hay or straw, twigs or lolly sticks, sugar cubes, plastic bricks, some glue or some sticky tape.</p> <p>If you do not have these things, you can watch the lesson and record your observations of the experiment.</p>	<p>In this lesson, we are going to be learning about the properties of a wall. We will be conducting an experiment to investigate which materials are most appropriate to build a wall and comparing their condition after being exposed to water.</p> <p>if you would like to take part in the experiment today because you made some mini walls last lesson, you will need to find these objects.</p> <p>You will need some space where it does not matter if it gets wet so that you can do your experiment. You will need a jug of water, you will need a colander or you could use a plastic bottle and poke holes in the bottom. You will need your wall creations that you made.</p>	<p>In this lesson, we will be investigating which materials can be blown down by creating our own wind using a hairdryer. We will be experimenting with different types of materials which have different weights. We will be creating our structures to experiment with in the next lesson, 'Will the wall I've built withstand strong winds?'. You will need playdough, twigs or sticks, hay or straw, sugar cubes, Lego or plastic bricks and lastly glue or sticky tape.</p> <p>If you do not have these things, you can watch the lesson and record your observations of the experiment.</p>	<p>In this lesson, we will be investigating which materials can be blown down by creating our own wind using a hairdryer. We will be experimenting with different types of materials which have different weights. We will be using our structures from the previous lesson, 'Which materials can withstand strong winds?' to experiment with.</p> <p>If you do not have these things, you can watch the experiment.</p>
Task		<ol style="list-style-type: none"> Complete the intro quiz. Watch the video. Write sentences in your book explain: <ol style="list-style-type: none"> What the item is. What material it is made from. Why it is made from that material. Complete the exit quiz: 	<ol style="list-style-type: none"> Complete the intro quiz. Watch the video. Write the sentences in your book. Watch or carry out the instructions on building a wall from one of the materials. Complete the exit quiz 	<ol style="list-style-type: none"> Complete the intro quiz. Watch the video. Write the sentences in your book. Draw table into your book. Carry out or watch the experiment. Record the results into your table. Complete the exit quiz. 	<ol style="list-style-type: none"> Complete the intro quiz. Watch the video. Write the sentences into your book. Draw the heavy/light table into your book and draw the materials. Carry out the instructions of building a wall. Complete the exit quiz. 	<ol style="list-style-type: none"> Complete the intro quiz. Watch the video. Draw the table into your book. Carry out the experiment. Record the results of the experiment in the table. Complete the exit quiz.



Week beginning Monday 25th January 2021