



So What Do Trees Really Do For Us?

Trees Are The Key Awareness Week 2022 - Education Pack

We have created a series of free lessons and activities, aimed at KS2 Primary School pupils (ages 7-11) in the UK, to celebrate Trees Are The Key Awareness Week 2022 – 21st - 27th March. Although we would love to have everyone learning about trees during this week, we recognise that this might not be viable, so use the resources as and when you see fit.

The lessons and activities all relate to trees - in the UK or in Kenya, where we plant our trees (learn more about this in Lesson 1). They are cross-curricula and cover a range of subjects including Science, Literacy, Numeracy, Art & Design, PSHE and Citizenship. They are structured into four lessons with a suggested order but can work in isolation or in an order that suits you and the students. The lessons contain videos, images, questions, and a mix of teacher/adult led, and student led learning. They come with independent and group tasks, a mix of indoor and outdoor, and a range of fun additional puzzle activities too.

Lessons:

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| 1. <i>Who is The Word Forest Organisation?</i> | <i>Page 2</i> |
| 2. <i>What do we use Trees For?</i> | <i>Page 4</i> |
| 3. <i>Trees as Habitats</i> | <i>Page 6</i> |
| 4. <i>How to Identify Trees</i> | <i>Page 8</i> |

See below for the Teacher Lesson Plans with a suggested structure, how it links to the PowerPoints, an explanation of the learning objectives and how these will be met, and any resources that are needed.

Download the Slides for all 4 lessons and the Activities Pack in Word or PDF format, from our website.

Lesson title:	
<u>What is The Word Forest?</u>	
N.B. There are 2 potential activities for the lesson: 1. Design an information poster 2. Plan a fundraising event Teachers can opt to do activity 1 OR activity 2 Both activities could be done which would potentially take up a whole afternoon session	
Resources required: PowerPoint presentation, IWB 1. Plain paper, colouring pencils/pens, iPads/tablets (optional) AND/OR 2. Fundraising activity worksheet	
Learning objective/WALT: To understand what The Word Forest is. <i>(if choosing activity 2) To begin to understand the planning required to put on a fundraising event.</i>	Lesson outcome/WILF: All children will be able to explain what The Word Forest does. Most children will be able to explain what The Word Forest does in some detail. Most children will be able to plan a simple fundraising event. <i>(activity 2)</i> Some children will do extra research about The Word Forest. Some children will be able to plan and execute a fundraising event. <i>(activity 2)</i>
Cross-curricular opportunities: Science: environment PSHE: environmental responsibility Citizenship: developing confidence; playing an active role as citizens; developing good relationships; breadth of opportunities Literacy: reading from the PowerPoint presentation. <i>Maths: money management</i>	Key terms/vocabulary: Charity; Empower; Alleviate; Poverty; Environment; Fundraise
Lesson plan	
Time	Activities
10 mins	Starter: Video. Watch the video embedded into the PowerPoint or via the YouTube link https://youtu.be/UEApai73ZU4 . Encourage pupils to try to remember 2 or 3 things from the video. Pupils to Think – Pair – Share some facts they learnt from the video.
	Main:

At least 30 mins	Activity 1: Design a poster providing information about The Word Forest. Pupils could use iPads/tablets to do some extra research on The Word Forest using the website www.wordforest.org Activity 2: <i>Using the worksheet, students plan a fundraising event. Pupils simply need to fill in each section of the worksheet.</i>
10 mins	Plenary: <i>Select some students to present their fundraising ideas to the class – pupils simply talk through their ideas using the worksheet. Class to vote on which ideas they would like to actually execute (optional)</i>
	Extension: <i>Create a poster to publicise the fundraising event that students have planned.</i>

Lesson title:	
<u>What do we use trees for?</u>	
Resources required: PowerPoint presentation, IWB Tree sorting worksheet Glue sticks, plain paper/pupils' exercise books	
Learning objective/WALT: To understand that trees have many different uses.	Lesson outcome/WILF: All children will be able to name a way in which trees are useful. Most children will be able to explain multiple ways in which trees are useful. Some children will be able to explain why it is important to grow different varieties of trees.
Cross-curricular opportunities: Science: environment; living things and their habitats; uses of everyday materials PSHE: environmental responsibility Literacy: reading from the PowerPoint presentation.	Key terms/vocabulary: Pollutants; Immune system; Antioxidant; Insomnia; Sedative; Cholesterol; Inflammation; Pectin; Tannin; Mangiferin
Lesson plan	
Time	Activities
5 mins	Starter: A quick discussion of what we use trees for – pupils to offer suggestions. It's likely they'll come up with obvious ones as shown on the PowerPoint.
5 mins 20-30 mins	Main: Video. Watch the video embedded or through YouTube https://youtu.be/Of0zig1rtjY and read through some of the ways in which trees can be useful. Matching activity. Give pupils the worksheet and ask them to try to match the tree to the item it produces. Children can cut out the tree names and arrange them next to the correct descriptions. Answers can be found on page 5 of the Activities document. Go over the answers before children stick the correct tree names down onto a new piece of paper/into exercise books. Alternatively, students could complete this task in pairs, digitally highlighting their answers.
10 mins	Plenary: Pupils to come up with answers to the questions on the final slide. Think – Pair – Share.
	Extension:

	Students design an information poster about how useful trees are.
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Lesson title:	
<u>Trees as Habitats</u>	
Resources required: PowerPoint presentation, IWB Plain paper, pencils, colouring pencils Lined paper, iPads/tablets (for extension activity)	
Learning objective/WALT: To understand that trees are important habitats for endangered animals.	Lesson outcome/WILF: All children will draw a picture of an endangered animal. Most children will be able to explain why trees are important for endangered animals. Some children will be able to suggest ways to prevent the extinction of endangered animals.
Cross-curricular opportunities: Science: environment; living things and their habitats PSHE: environmental responsibility Literacy: reading from the PowerPoint presentation. Art and design: drawing/painting	Key terms/vocabulary: Endangered Habitat
Lesson plan	
Time	Activities
5 mins	Starter: What do the 5 animals on the PowerPoint slide have in common?
At least 30 mins	Main: Fact files. Read through the different fact file slides with information about the 5 animals. Drawing activity. Pupils to pick their favourite animal and sketch a drawing of it. The drawing should also be coloured in. (Poem: alternatively, pupils could write an acrostic poem about their favourite animal using the animal's name).
5-10 mins	Plenary: Think – Pair – Share answers to the questions on the final slide.
	Extension: Students design an information poster about how to prevent their chosen animal from becoming extinct – pupils may wish to do some extra research for this using iPads/tablets if possible.

	Pupils create an acrostic poem about their favourite animal using its name.
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Lesson title:	
<u>Tree Identification</u>	
N.B. This lesson can be delivered in a few different ways: 1. Children go on a tree walk around school or outside of school using a tablet to help them identify which tree is which. This requires the <u>Tree Walk</u> worksheet (page 7 of the Activities Pack). 2. We're Going on a Tree Hunt! Children go on a walk around school or outside of school and tally the trees that they spot. This requires the <u>We're Going on a Tree Hunt!</u> Worksheet (page 9 of the Activities Pack). 3. A tree walk/hunt does <u>not</u> have to take place – children can simply read through the PowerPoint before drawing/painting a picture of their favourite tree.	
Resources required: PowerPoint presentation, IWB 1. Tree Walk worksheet + tablet computers OR 2. We're Going on a Tree Hunt! Worksheet OR 3. plain paper, pens, pencils, colouring pencils/paint	
Learning objective/WALT: To understand how to identify different trees.	Lesson outcome/WILF: All children will be able to distinguish one type of tree from another. Most children will be able to correctly identify at least one type of tree. Some children will be able to correctly identify a number of different types of trees and provide some key information about it.
Cross-curricular opportunities: Science: environment; living things and their habitats; uses of everyday materials PSHE: environmental responsibility Literacy: reading from the PowerPoint presentation.	Key terms/vocabulary: Deciduous
Lesson plan	
Time	Activities
10 mins	Starter: Kenya or UK? Using the photos on the PowerPoint, children vote on whether they think the tree is from Kenya or the UK. Pupils can raise their hands to vote; vote with their feet (i.e. one side of the room is the UK and one side is Kenya and pupils move to the side of the room they think the tree belongs to); or use mini whiteboards to write UK or Kenya. Or any other way the teacher feels is appropriate.

At least 25 mins if using school grounds, allow for longer if walking to a nearby park.	Main: choose from one of the following options. 1. Children go on a tree walk around school or outside of school using a tablet to help them identify which tree is which. This requires the Tree Walk worksheet + tablets with Google Photos downloaded. <u>Google Photos is possibly the best app to use for iPad. Children will simply take photos of plants then open the image using Google Photos. Tapping the photo will then enable Google Lens which analyses the photo and provides information about each plant. This will require access to the photo library. This video explains how to use Google Photos to identify plants: How to use Google lens to identify flowers and plants - YouTube.</u> See PowerPoint, slide 42 & 43. (Alternatively, if internet connection is not possible outdoors, children can use tablets to take photos of trees and then use the Google Photos app to identify the trees once tablets have an internet connection again). 2. Going on a Tree Hunt! Children go on a walk around school or outside of school and tally the trees that they spot. This requires the We're Going on a Tree Hunt! worksheet. See PowerPoint, slide 44. 3. Continue working through the PowerPoint (slides 20 onwards). Children then draw/paint a picture of their favourite tree and write a sentence about why it's their favourite.
10 mins	Plenary: What was your favourite tree and why?
15 mins	Extension – for after the tree hunt/walk: Students draw/paint a picture of their favourite tree and write a sentence about why it's their favourite.