

EYFS	Year R use their senses to explore the seasonal changes that take place around them throughout the year. They learn how these changes affect trees, some animals and the clothes that they need to wear. Links with geography, chronology, science.
Year 1	Do all trees change in the same way throughout the year? Choose two trees and observe them closely throughout the year. Present the information that you have gathered for the whole school.
Year 2	S- How does the school pond change throughout the year? Consider surrounding vegetation, water depth, water temperature and species (plant and animal) living within the water. Take measurements and make careful observations. Present this information for the whole school to see. B- How does the school woodland change throughout the year? Consider each layer and how they change. Pay careful consideration to the canopy- how it changes and the impact this has.
Year 3/ 4 A	Can we increase the biodiversity of our school grounds? Which animals do we attract and how do we know? Are they all welcome / helpful? Which other might we want more of? Consider - mole hills, butterflies, bees, bats birds...
Year 5 / 6 A	Are moon cycles related to rainfall? Children know moon cycles affect the water in our oceans and that rainfall comes from evaporation from the water in our oceans. They are going to investigate if moon cycles affect how much rainfall we experience. They will be tracking the moon cycles and measuring the rainfall so that they can discuss if there is a relationship. https://www.bbc.co.uk/bitesize/articles/z82xjsg#zmhd6rd
<p>All classes keep a nature journal gathering seasonal observations of the children's own choice through the use of art skills - pen, pencil, watercolours. Consider the use of technical labelling and KS2 including latin plant names. https://www.kew.org/read-and-watch/what-is-botanic-art</p> <p>https://www.hobbycraft.co.uk/ideas/how-to-draw-botanical-illustrations-with-a-fineline.html</p> <p>Range of books by Katie Scott https://www.amazon.co.uk/Arboretum-Tony-Kirkham-Welcome-Museum/dp/1800782195/ref=pd_bxgy_thbs_d_sccl_2/257-6458536-8828209?pd_rd_w=cJAY&content-id=amzn1.sym.46f507f3-7fc1-4bf4-9492-ed026d6e4f68&pf_rd_p=46f507f3-7fc1-4bf4-9492-ed0</p>	

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All classes to follow the horticulture curriculum to support maintenance of the gardens and to embed science learning around plants, animals and soil types as well as geographical learning around seasonality and weather. This supports use of the outdoors, mental health, responsibility and sustainability.