

Seasonal changes- Year 1- Kapow unit- Forces and space: Seasonal changes (Seasons also ongoing through Forest School)

Previous learning

EYFS- ask questions about the natural world. Looks closely at similarities, differences, patterns and change. Describe what they see, hear and feel while they are outside. Understand the effect of changing seasons on the natural world around them. Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

Key scientists you could look at...

Famous weather forecasters and their role. What job do they do? Why is it important?

Scientific skills

Working scientifically	Questioning and enquiry	Observing and measuring	Investigating	Recording	Grouping and classifying
Use practical scientific methods, processes and skills	Ask simple questions about the world around us	Begin to observe closely, using simple equipment Use simple observations and ideas to suggest answers to questions	Perform simple tests with support Begin to discuss ideas about how to find things out Begin to say what happened in my investigations	Gather and record data with some adult support to help to answer questions Begin to record simple data Begin to record and communicate their findings in a range of ways Show results in a simple table that my teacher has provided	Identify and classify with some support Begin to observe and identify, compare and describe Begin to use simple features to compare objects, materials and living things, and with help, decide how to sort and group them.

Key Vocabulary for Year 1

Summer	Dark
Spring	
Autumn	
Winter	
Sun	
Day	
Moon	
Night	
Light	

Previous vocabulary

Autumn, summer, spring, winter, sun, rain, wind, snow, thunder

Useful links

<https://www.stem.org.uk/resources/community/collection/13195/year-1-seasonal-changes>

https://www.outstandingscience.co.uk/index.php?action=view_page&page=view_unit&unit=1d

Experiment and game ideas

Seasonal art collage	Season treasure hunt- collect different items to show seasonal changes	Forest school activities to explore seasonal changes	Make a rain gauge- measure rain collection	Make a weather disk
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Knowledge- objectives

Observe changes across four seasons

Observe and describe weather associated with the seasons and how day length varies throughout the year

Resources in school

Use forest school site to explore seasonal changes.



The Four Seasons			
autumn September October November	winter December January February	spring March April May	summer June July August

Daylight hours each month:

Month	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug
Hours of Daylight	13	11	9	8	8	10	12	14	15	16	16	14