

GGA- Year 1 Science Knowledge Organiser - Autumn Term

Seasonal Changes

Vocabulary	
Summer	Moon
Spring	Light
Autumn	Dark
Winter	Day
Night	

Skills that I am going to learn.	
Scientific Enquiry Skills	
Observes closely, using simple equipment.	E.g make a weather vane or wind sock
Performs simple tests.	E.g test the weather vane or sock
Uses their observations and ideas to suggest answers to questions.	E.g answer questions after using your weather vanes and wind socks
Gathers and records data to help in answering questions.	E.g make simple recordings and measurements e.g. rain fall
Talk about what they see and do.	E.g say what you have observed
Ask questions	E.g ask a friend a question about their weather vane
Begin to compare and make observations	E.g Compare different times of the year and the weather at that time

Why are we learning this?

To know how to name the 4 seasons, describe how the day length varies and describe weather changes.

Why is it important?

So we understand that the seasons change and this effects the weather.



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Materials

Vocabulary	
Wood	Hard
Plastic	Soft
Glass	Rough
Paper	Smooth
Metal	Bendy
Rock	Natural
Manmade	Wool

Skills that I am going to learn.	
Scientific Enquiry Skills	
Observes closely, using simple equipment.	E.Gobserve simple experiments using different materials
Performs simple tests.	E.g test materials in water
Identifies and classifies.	E.g sort materials into groups according to properties or uses
Uses their observations and ideas to suggest answers to questions.	E.G observe materials an their uses to answer questions
Gathers and records data to help in answering questions.	E.g test materials and answer questions about what you find
Begin to make predictions	E.g predict which material is best used for which purpose

Why are we learning this?

So we know what different things are made from.

Why is it important?

So we understand different materials are used for different purposes.

Materials



wood



metal



ice



waterproof



soft



hard



magnetic



absorbent



glass



transparent



fabric



leather



plastic



bendy



wool



paper



cotton wool



brick



leaves



stone