



Science Week Home Learning Week Commencing 8th March 2021



This week is British Science Week. In school we will be celebrating by exploring this year's theme 'innovating for the future' and carrying out some learning linking to our science topic this term. Please complete as many of the activities below as you can at home.

Science Session 1	Science Session 2	Science Session 3	Science Session 4	Science Session 5
LO: to name, identify and observe different types of weather. Must: name and identify rain, sun, wind, snow, ice. Should: to observe and measure rainfall. Could: record data.	LO: to use observations to suggest answers to questions. Must: make simple observations of the weather. Should: to use simple scientific equipment. Could: to explain why rain occurs.	LO: to name and identify features of the 4 seasons. Must: recall the 4 seasons. Should: suggest weather associated with the four seasons. Could: make observations and look for signs of spring.	LO: to design and make a poster. Must: read the poster specification. Should: design a poster on the theme of 'innovating for the future.' Could: Make it bright and colourful.	LO: to record what I know about weather and the seasons. Must: name the 4 seasons. Should: suggest the weather associated with each season. Could: write about the months for each seasons.
Teaching input: Discussion to recap the different types of weather Work through the Powerpoint..	Teaching input: Discuss the different types of weather. What do we already know about rain? Work through the Powerpoint to find out about rain and the water cycle. Watch the video about the water cycle: https://www.youtube.com/watch?v=C46U2peEui8	Teaching input: Have a discussion to recap the 4 seasons. Work through the Powerpoint to find out more about weather and seasons.	Teaching input: Read the information with a grown up about how to enter the poster competition.	Teaching input: Work through the Powerpoint to find out about today's task. Think carefully about everything you have learnt about the seasons.
Activity: Make a rainfall gauge using the instructions in the resources. Place it outside and observe and record the rainfall over the week in your weather diary, You will need: a plastic bottle, sellotape, scissors, pen, tape, ruler.	Activity: Carry out the shaving foam rain experiment to find out what happens when clouds become heavy and full of rain water. See the resources for more guidance. You will need: a glass/ jar, shaving foam, water, food colouring, pipette or syringe.	Activity: Go outside and observe the weather. Look for clues that tell us the season we are in now. Ask the children to take photos and record their comments on Tapestry.	Activity: Create your poster based on the theme 'innovating for the future'. Be as creative as you like. Use the ideas on the instruction sheet to help you. Once the poster is complete, scan or take a photo and go to britishscienceweek.org for details on how to send in your entry.	Activity: Create a poster/ piece of writing about the seasons and weather associated with each season. Use the question prompts to guide you. Present this work beautifully please!