

Reception Science Curriculum



Autumn	Down in the woods	Percy the Park Keeper & Christmas
	•Children will know there are four seasons in the year: autumn, winter, spring and summer. •Children will begin to recognise and explain the changes they see, hear and feel in different seasons •Understand what the word harvest means •Develop an understanding of growing food and the cycle that happens •Make observational drawings of things they see during autumn and down in the woodland area •Identify different seasons and seasonal changes in Autumn/Winter •Recognise different weathers and identify what is needed for each type •Sort natural materials into different categories	
Spring	Traditional Tales	Life Cycles and Easter
	•Experiment with different materials to build bridges •Recognise properties of bricks, straw and wood •Notices changes in properties between wheat and flour •Understand life cycle of a beanstalk •Recognise changes in state when baking •Recognise animal, plant and human life cycles	
Summer	Castles	Under the Sea
	•Explore different materials to build castles and bridges •Ask questions to find out more information •Use new vocabulary in different contexts •Make traps, planning and adapting ideas as needed. •Recognise that different sea animals have different habitats •Understand and explore what rock pools are and what is inside. •Visit to aquarium to experience first hand how different animals live in different habitats and require different things to keep them alive •Understand the impact that littering has on the ocean and what lives there. •Understand and experiment with floating and sinking •Ask questions to find out more information •Use new vocabulary in different contexts	