



NC OBJECTIVES	KEY KNOWLEDGE AND VOCABULARY
<ul style="list-style-type: none"> • Observe changes across the four seasons • Observe and describe weather associated with the seasons • Observe and describe how day length varies • Learn about the dangers of looking directly at the sun, even when wearing dark glasses <p><u>Working scientifically</u></p> <ul style="list-style-type: none"> • Asking simple questions and recognising that they can be answered in different ways. • Observing closely, using simple equipment. • Performing simple tests. • Identifying and classifying. • Using their observations and ideas to suggest answers to questions. • Gathering and recording data to help in answering questions. 	<ul style="list-style-type: none"> • Know that the seasons change • Know that the UK has 4 seasons – Autumn (September to November), Winter (December to February), Spring (March to May) and Summer (June to August) • Know that the seasons are caused because of the earth tilting on its yearly journey around the sun • Know that when the earth is leaning towards the sun it is summer and 6 months later when it leans away it is winter • Know that the temperature changes and is how hot or cold it is • Know what the weather in the UK in each season is generally like • Know that in Autumn, the days get shorter and there is less sunlight. This is because the sun is further away from the Northern Hemisphere. During this time it will be Spring in the Southern Hemisphere • Know that in Autumn, the days start to get colder because of the sunlight being weaker. • Know that in Autumn, leaves start to turn bright colours and fall off the trees and animals begin storing food for the winter • Know that in Winter, the days get even shorter and colder and there are less hours of daylight. • Know that during Winter, all leaves fall off the trees and some animals have to adapt to survive • Know that in Spring, leaves start to grow back onto the trees and flowers begin to grow. The days start to get longer as the sunlight is becoming stronger. • Know that in Summer the days are longer and the days are the longest and hottest. • Know that there are dangers when looking directly at the sun • Know how to stay safe in the sunshine • Know what people should wear for different seasons and weather conditions • Know how animals are affected by the different seasons • Observe daily weather around the school and comment on patterns identified • Use equipment to measure temperature, rainfall and wind speed • Know what is meant by wind, rain, snow, hail, sleet, fog, sun, hot, warm and cold