



Subject Science Composites
2022-2023
Advent

Class 1	Class 2
<p><u>Seasonal Changes (Alongside Geography topic Hot and Cold)</u></p> <ul style="list-style-type: none">• I know the four seasons.• I know the length of the day during the four seasons changes.• I can collect and record data about the weather in Autumn.• I know how to identify the signs that the season is changing.• I know the different clothes we wear in Autumn.• I know how the trees change throughout the year. <p><u>Materials</u></p> <ul style="list-style-type: none">• I know the names of many different materials.• I know the names of objects and how to distinguish between the material it is made from (e.g. this hat is made from wool, this hat is made from cotton).• I know some properties of everyday materials.• I can sort objects by their properties.• I know how to test the properties of everyday materials.• I can use my observational skills to carry out tests and come to a conclusion.	<p><u>Rocks (Alongside Geography topic Angry Earth)</u></p> <ul style="list-style-type: none">• I know the properties of different types of rocks.• I know how to compare different types of rocks.• I can use my observational skills to decide the differences between the rocks.• I know how fossils are formed (recap Mary Anning).• I know the different layers of soil and how they are formed. <p><u>Light</u></p> <ul style="list-style-type: none">• I know that I need light to be able to see and that the absence of light is dark.• I can investigate which surfaces reflect light.• I know how mirrors work.• I know how to protect our eyes from the light of the sun.• I know which materials block light.• I can investigate how the shadows change throughout the day.

Class 3	Class 4
<p><u>Light</u></p> <ul style="list-style-type: none"> • I know that I need light to be able to see and that the absence of light is dark. • I can investigate which surfaces reflect light. • I know how mirrors work. • I know how to protect our eyes from the light of the sun. • I know which materials block light. • I can investigate how the shadows change throughout the day. <p><u>Animals Including Humans</u></p> <ul style="list-style-type: none"> • I know the different parts of the digestive system. • I know the functions of each part of the digestive system. • I know the different functions of teeth. • I know how to set up a fair test. • I know how to make careful observations, record the data and then examine the data collected. • I can construct and interpret food chains (recapped from year 2/3) 	<p><u>Light</u></p> <ul style="list-style-type: none"> • I know that I need light to be able to see and that the absence of light is dark. • I can investigate which surfaces reflect light. • I know how mirrors work. • I know how to protect our eyes from the light of the sun. • I know which materials block light. • I can investigate how the shadows change throughout the day. <p><u>Animals Including Humans</u></p> <ul style="list-style-type: none"> • I know the different parts of the digestive system. • I know the functions of each part of the digestive system. • I know the different functions of teeth. • I know how to set up a fair test. • I know how to make careful observations, record the data and then examine the data collected. • I can construct and interpret food chains