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| <u>EYFS UTW</u> | | |
| <p>Explore collections of materials with similar and/or different properties- wood, glass, straw, bricks etc Understand the effect of changing seasons on the natural world around them. Explore the season of Winter. Understand how trees change in winter. Do all trees lose their leaves? Talk about evergreen trees. Spot different trees on a winter walk around school. To recognise how animals prepare for winter. Explore changes in materials- baking porridge Recognise some birds that live in the UK in winter e.g. robin, starling, blackbird, magpie, bluetit etc</p> | | |
| <u>Year 1 - Knowledge</u> | <u>Science on a Page Knowledge</u> | <u>Year 2- knowledge</u> |
| <ul style="list-style-type: none"> Name the different parts of the body. To name the body parts used for each sense. To identify the body parts used for the sense of taste and touch. To identify the body parts used for the sense of smell and sight. To identify the body parts used for the sense of hearing. To recognise how the senses are used in everyday life. | <p><u>Term - Spring 1</u></p> <p><u>Subject Leader - Sara Hobbins</u></p>  | <ul style="list-style-type: none"> Recognise that objects are made from materials that suit their uses. To recognise that the shape of some solid objects can be changed. To compare the suitability of materials for particular uses. To recognise that the strength of some materials can be changed. To compare the suitability of materials for particular uses. |
| <u>Year 3 knowledge</u> | <u>Year 4 Knowledge</u> | <u>Year 5 Knowledge</u> |
| <ul style="list-style-type: none"> To group rocks using their appearance. To group rocks using their physical properties. To describe the process of fossil formation. To identify fossils and group rocks accordingly. To compare soils and how they are formed. To describe a soil sample using sedimentation. | <ul style="list-style-type: none"> To identify solids using their properties. To identify liquids and gases using their properties. To describe melting and freezing. To describe condensing and evaporating. To describe the different stages of the water cycle. To describe how temperature affects evaporation rates of the water cycle. | <ul style="list-style-type: none"> To compare the contributions of Ptolemy, Alhazen and Copernicus to models of the solar system. To describe the movement and shapes of the celestial bodies in the solar system. To describe the movement of the moon relative to the earth. To explain the causes of day and night and the seasons. To devise a sundial to tell the time. To describe some uses of satellites and the problems posed by space junk. |
| <u>Year 6 - Knowledge</u> | | |
| <ul style="list-style-type: none"> To explain why there are differences within a species. To recognise the inheritance of characteristics in plants and animals. To explain why adaptation is necessary. To model how natural selection affects population size. To describe the theory of evolution. To recognise evidence that can be used for evolution. | | |