



Science Overview - EYFS



| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 |
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| Term 1 | <p>Settling in activities</p> <p>Star fish, shells etc – where would you find these? What are they? ELG-UTW:NW2 DM:R:UTW18</p> <p>Big Ideas (Aspects): Materials (Identification and Classification, Properties and Uses) Change (Living things) Humankind (Staying safe)</p> <p>Wet/dry sand. ELG-UTW:NW2 DM:R:UTW18 DM3-4:UTW7</p> <p>Big Ideas (Aspects): Materials (Identification and Classification, Properties and Uses) Humankind (Staying safe)</p> | | | <p>Friendship Potions DM3-4:UTW7: Big Ideas (Aspects): Humankind (Staying safe) Materials (Identification and Classification)</p> | <p>Exploring Autumn – Seasonal changes LO: To recognise signs of change in the local environment. ELG-UTW:NW2 ELG-UTW:NW3 ELG-UTW:PPC1 DM:R:UTW:21: DM:R:UTW19 DM:R:UTW18</p> <p>Big Ideas (Aspects): Change (Living things) Place (Habitats) Processes (Pattern seeking) Investigation (Questioning, Observation) Creativity (Report & conclude)</p> | <p>Woodland/Non-Woodland Animals ELG-UTW:NW2 ELG-UTW:NW1</p> <p>Big Ideas (Aspects): Comparison () (Physical things) Nature (Parts & function) Place (Habitats)</p> |



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| Term 2 | <p>Is it Shiny? LO: To sort and group materials (Shine a torch on a plastic bauble, compare to non-shiny materials – Investigation Station) DM3-4:UTW2 DM3-4:UTW7</p> <p>Big Ideas (Aspect): Humankind (Staying safe) Materials (Identification and Classification) Comparison (Physical things) Investigation (Observation)</p> | <p>Is it Shiny? LO: To sort and group materials (Shine a torch on a plastic bauble, compare to non-shiny materials – Investigation Station) DM3-4:UTW2 DM3-4:UTW7</p> <p>Big Ideas (Aspect): Humankind (Staying safe) Materials (Identification and Classification) Comparison (Physical things) Investigation (Observation)</p> | | | <p>Little Whale LO: To create posters showing facts about whales and ideas of how to save them. DM3-4:UTW5 DM:R:UTW20 ELG-UTW:NW1 ELG-UTW:NW2</p> <p>Big Ideas (Aspect): Nature (Survival)</p> | |
| Term 3 | <p>Why is it dark? Dark Tent, cardboard boxes, blankets, building blocks etc. Torches, reflective materials.</p> <p>Knowledge: Dark is the absence of light.</p> | <p>Moonlight Shadows LO: To explore shadows – dark tent, torches, toy animals, paper, pencils – tracing shadows/faces – who is who?</p> <p>DM3-4:UTW2 ELG-UTW:NW3</p> | <p>Seasonal Changes – Winter Lesson: Winter Walk LO: How has our local environment changed?</p> <p>ELG-UTW:NW3 ELG-UTW:NW1 ELG-UTW:PPC1: DM:R:UTW:21 DM:R:UTW19</p> | <p>Night and Day LO: To recognise differences between night and day. (Compare and sort pictures of night and day). ELG-UTW:NW3 ELG-UTW:PPC1:</p> | <p>Nocturnal Animals LO: To identify nocturnal and diurnal animals. Sorting pictures of animals that are nocturnal and diurnal into hoops (pictures for books and learning journals)</p> <p>CP: Hide pictures of nocturnal animals around</p> | <p>Ice Balloons LO: What effect does pouring salt have on the ice?</p> <p>Wrap the ice up in different materials eg: bubble wrap, foil?</p> |



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| | <p>It is dark at night because that part of the earth is facing away from the sun</p> <p>DM3-4:UTW2 ELG-UTW:NW3</p> <p>Big Ideas (Aspect): Change (Living Things) Materials (Identification and Classification) Comparison (Physical things) Investigation (Questioning, Observation)</p> | <p>Big Ideas (Aspect): Change (Living Things) Processes (Phenomena) Humankind (Human body) Comparison (Phenomena) Investigation (Questioning)</p> | <p>DM:R:UTW18:</p> <p>Big Ideas (Aspect): Investigation (Questioning) Creativity (Report & conclude) Processes (Pattern Seeking, Changes) Change (Living Things) Place (Habitats)</p> | <p>Big Ideas (Aspect): Investigation (Questioning) Creativity (Report & conclude) Processes (Pattern Seeking, Earth) Change (Living Things)</p> | <p>the classroom. Chn to have torches and nocturnal animal spotter sheet.</p> <p>Knowledge: Nocturnal animals are awake during the night and asleep during the day. Diurnal are awake in the day and sleep at night ELG-UTW:NW1</p> <p>Big Ideas (Aspect): Nature (Parts & function) Creativity (Gather & record data)</p> <p>LO: To order the planets in the solar system. DM:R:UTW20</p> <p>Big Ideas (Aspect): Processes (Phenomena) Comparison (Physical things)</p> | <p>Water Tray – frozen stars, plastic stars, glitter, nets – catch a star: Do the ice stars float or sink? Why are the stars getting smaller? Will they melt quicker indoors or outdoors?</p> <p>ELG-UTW:NW3 DM3-4:UTW7 DM3-4:UTW2</p> <p>Big Ideas (Aspect): Change (Living things) Processes (Forces) Investigation (Questioning, Investigation, Observation) Creativity (Report & conclude)</p> |
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| Term 4 | <p>Jasper's Beanstalk LO: To know what plants need to grow. To label a bean.</p> <p>Bean experiment – 3 or 4 variables. Bean planting (plastic bag).</p> <p>ELG-UTW:NW1 DM:R:UTW18 DM3-4:UTW5 DM3-4:UTW4</p> <p>Big Ideas (Aspect): Nature (Identification & classification, Parts & function)</p> | <p>Spring Flowers LO: To label a Spring Flower –Daffodil – for St David's Day – add to our Spring display</p> <p>Explore real Daffodils – Cut and stick daffodil activity.</p> <p>ELG-UTW:NW1 DM:R:UTW18</p> <p>Big Ideas (Aspect): Nature (Identification & classification, Parts & function)</p> | <p>It's Raining –Making clouds Fill clear cups with water and add a layer of shaving foam on top. Tell the children that they are going to experiment to observe how it rains.</p> <p>DM3-4:UTW2 DM:R:UTW18 ELG-UTW:NW3</p> <p>Big Ideas (Aspect): Processes (Phenomena, Pattern Seeking) Change (Living things)</p> | <p>Seasonal changes LO: To find signs of Spring. Rectangle piece of card with double sided tape – chn to find different colours.</p> <p>ELG-UTW:NW3 ELG-UTW:NW1 ELG-UTW:PPC1: DM:R:UTW:21 DM:R:UTW19 DM:R:UTW18:</p> <p>Big Ideas (Aspect): Investigation (Questioning) Creativity (Report & conclude) Processes (Pattern Seeking, Changes) Change (Living Things) Place (Habitats)</p> | <p>Weather Forecasters Create a Weather Chart – which was the most common weather this week?</p> <p>How has the weather and our environment changed since winter/summer?</p> <p>ELG-UTW:NW3 ELG-UTW:NW1 ELG-UTW:PPC1: DM:R:UTW:21 DM:R:UTW19 DM:R:UTW18:</p> <p>Big Ideas (Aspect): Investigation (Questioning) Creativity (Report & conclude) Processes (Pattern Seeking, Changes) Change (Living Things) Place (Habitats)</p> | <p>Animals and their Babies Sorting activity – look carefully at animal features match the parents to their babies.</p> <p>ELG-UTW:NW1 DM:R:UTW18</p> <p>Big Ideas (Aspect): Nature (Identification & classification)</p> |
| Term 5 | | | | | | |



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| Term 6 | | | | | | |