

Science Mapping 2016

|                     | Autumn 1<br>Derbyshire  | Autumn 2<br>Nose in a Book   | Spring 1<br>Don't forget your<br>Passport  | Spring 2<br>Seconds from Disaster   | Summer 1<br>Step back in Time   | Summer 2<br>How Great is Britain   |
|---------------------|---|--|--|---|---|--|
| Year 3              | <b>In Our Back Yard<br/>Plants I</b><br>Functions for life and growth. Parts of flowering plant & transportation.   | <b>Fantastic Mr Dahl<br/>Forces &amp; Magnets</b><br>Compare how things move on different surfaces. Some forces need contact but magnetic forces repel/attract from a distance. Magnetic materials and poles | <b>Greece<br/>Animals,<br/>including Humans</b><br>Nutrition, Skeletons & Muscles.   | <b>What's in the News?<br/>Rocks</b><br>Compare properties, soil & fossil formation.  | <b>Boudicca's Battle<br/>Light</b><br>Light sources, reflection, eye protection & shadow formation.                             | <b>It's All Rock and Roll<br/>Plants II</b><br>Life Cycles of Flowering Plants (Pollination, Seed formation and dispersal.)  |
| Year 4              | <b>Come Dine With Me<br/>Animals, including<br/>Humans</b><br>Digestive system, teeth & Food chains.  | <b>Spy Dog<br/>States of Matter I</b><br>Are materials solid, liquid or gas? Changing state,   | <b>South America<br/>Living things and<br/>their Habitats</b><br>Classification Keys, effects of environmental change.                                   | <b>The Mad Professor<br/>Electricity</b><br>Appliances, series circuits, switches, conductors and insulators.   | <b>Banquets<br/>and<br/>Beheadings<br/>Sound</b><br>How sounds are made, vibrations through a medium, pitch, volume & distance. | <b>Invasion Wars<br/>States of Matter II</b><br>Evaporation, condensation & the water cycle.   |
| Year 5              | <b>We All Fall Down<br/>Properties and<br/>Changes of Materials<br/>I</b> Properties: hardness, solubility, transparency, electrical & thermal conductivity & magnetic. | <b>Scrapheap challenge<br/>Properties and<br/>Changes of Materials<br/>II</b> Separation techniques, reversible and irreversible changes.  | <b>Africa<br/>Living Things and their<br/>Habitats</b><br>Life cycles of a mammal, an amphibian, an insect and bird. Reproduction in plants and animals. | <b>Is Anybody Out<br/>There<br/>Earth and<br/>Space</b> Our Solar System's planets, Sun, Moon & Earth. Movements and apparent movement of the Sun across the sky. | <b>Sink or Swim<br/>Forces</b><br>Gravity, air and water resistance & friction. Levers, pulleys and gears.                      | <b>Power to the People<br/>Animals, including<br/>Humans</b><br>Stages of growth and changes incl. Puberty (PSHE Link) Gestation periods of other animals compared to humans. Length and mass of baby as it grows. |
| Year 6<br>(As 2013) | <b>River<br/>Living things and their<br/>Habitats</b><br>Reasons for classification (incl. micro-organisms, plants & animals.   | <b>Pack up your Troubles<br/>Electricity</b>   | <b>Asia<br/>Light</b><br>Appears to travel in straight lines into the eye. How shadows have the same shape as the object blocking the light source.      | <b>Lost<br/>Animals and Human<br/>circulatory system</b>  | <b>The Ice Palace<br/>Evolution and<br/>Inheritance<br/>Assessment</b>  | <b>Money, Money,<br/>Money<br/>Evolution and<br/>Inheritance<br/>Assessment</b>  |

