

KS2 Curriculum Plans - Autumn 2016

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| <p style="text-align: center;"><u>Geography</u></p> <p>We will look at the use of Hamsterley Forest, and how the trees there reflect both the physical and human geography of the region. We will use OS maps of the forest, and use both grid references and longitude and latitude to specify locations.</p> | <p style="text-align: center;"><u>Science</u></p> <p>We will learn about photosynthesis and plant growth. We will construct keys to identify trees and leaves. We will investigate seed dispersion in trees and other plants. We will track the seasonal changes in trees over the term. We will investigate tree rings and tree growth. We will learn about water transportation in plants, and the ecological role of trees. We will learn about the water cycle.</p> | <p style="text-align: center;"><u>History</u></p> <p>We will use the Kynren play to learn about some key stories in English History (and English Mythology), and look at how they are combined into 'The Story of Us' in Kynren.</p> |
| <p style="text-align: center;"><u>RE/PHSE</u></p> <p>We will find out about the Christian festival and traditions of Harvest, and compare it with the Jewish festival of Sukkot. We will learn about the traditions of Judaism and how they affect everyday life.</p> | <p style="text-align: center;"><u>English</u></p> <p>Alongside the National Curriculum requirements for English, we will be using 'The Wind in the Willows', 'Wild Wood', and Traditional Tales set in woodlands to inspire our trees and woodland learning. We will attend the Durham Book festival and discuss David Baddiel's new book with the author. We will attend the TakeOff drama festival.</p> | <p style="text-align: center;"><u>Computing</u></p> <p>We will use Kodu and Scratch to program games, learning to program using if statements, sensor feedback, while and until loops, and control variables. They will recap on e-safety lessons.</p> |
| <p style="text-align: center;"><u>PE</u></p> <p>We will learn the skills and knowledge needed for Tag Rugby (1st half-term) and Gymnastics (2nd Half-term), and take part in the relevant festivals.</p> | <p style="text-align: center;"><u>Art and Design</u></p> <p>We will draw trees and leaves using charcoal, blending and shading to create light and shadow. We will look at the different textures of tree bark, and take bark rubbings. We will look at the shapes of tree branches in winter, and use the colours of leaves in autumn to create paper collages.</p> | <p style="text-align: center;"><u>FRENCH</u></p> <p>We will retell English fairy stories in French to share with our partner school.</p> |
| <p style="text-align: center;"><u>Music</u></p> <p>We will learn to sing songs of Harvest, and use singing in History and Science to reinforce learning. We will use wood to create percussion and music soundscapes. We will listen to music inspired by nature, including English Music (Butterworth).</p> | <p style="text-align: center;"><u>Maths</u></p> <p>Alongside the National Curriculum requirements for Maths, we will be using maths in measuring trees (height and girth), in constructing graphs of rainfall, and in measuring area and perimeter of land use.</p> | <p style="text-align: center;"><u>Design and Technology</u></p> <p>We will design and make boxes out of wood, using battens to strengthen joins. We will create a hinged lid. We will cook with seasonal fruit and vegetables.</p> |

We will also be working with the Bowes Museum on their World War 1 'Teesdale Role of Honour' memorial project.