

Birch Wood Vale School  
**Year 7**  
 Autumn Term 2020  
 Curriculum Information



Dear Parents and Carers,

We want to share with you the work being covered by Year 7 this term, so that you can talk to your children about their lessons and support them with any homework. We are looking forward to an exciting and busy term and we hope that the students will enjoy it.

English / Literacy		
Vikings – their culture and Norse Mythology Odd and the Frost Giants  Beowulf  Winter Poetry		Our fiction text will be Odd and the Frost Giants by Neil Gaiman, which we will use to practise sequencing and summarising skills. We will be studying the text chapter by chapter and will link in some creative projects. 7DP students will move on to study Beowulf ( <b>please don't watch any of the adaptations at home as we will be using these alongside the text</b> ) and will continue to learn about Viking and Anglo-Saxon culture and will do some creative writing alongside our reading. 7LC will be doing a winter poetry topic and will be enhancing the poems through sensory exploration.
Maths		
7LC Operations  Number  Money		Addition, subtraction, multiplication, division, times tables, word problems and equality.  Place Value - Reading, writing, ordering and comparing numbers. Odd and Even Numbers. Multiples - Multiplying and dividing by 10 and 100  Recognising coins/notes and their worth, working out cost though addition and giving change
Science	How microscopes works  Plant and animal cells  Specialised cells  Movement of substances	Describe the function of a light microscope Prepare a microscope slide and make observations  Describe what a cell is  Explain how to use a microscope to observe a cell.  Describe the function and components of a cell  Describe the differences and similarities between plant and animal cells  Name some substances that move into and out of cells  Describe the process of diffusion

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	<p>The particle model</p> <p>States of matter</p> <p>Melting, freezing and boiling</p> <p>Diffusion</p> <p>Gas pressure</p> <p>Introduction to forces</p> <p>Squashing and stretching</p> <p>Drag forces and friction</p>	<p>Describe how materials are made up of particles</p> <p>Use the particle model to explain why different materials have different properties</p> <p>Describe the properties of a substance in its three states</p> <p>Use the particle model to explain changes of state involving solids and liquids</p> <p>Interpret data about melting points</p> <p>Use the particle model to explain boiling</p> <p>Use the particle model to explain diffusion</p> <p>Describe evidence for diffusion</p> <p>Use the particle model to explain gas pressure</p> <p>Describe the factors that affect gas pressure</p> <p>Explain what forces do</p> <p>Describe what is meant by an interaction pair.</p> <p>Describe how forces deform objects</p> <p>Use Hook's law</p> <p>Describe the effect of drag forces on friction</p> <p>Explain why drag forces and friction arise</p>
Design	Jumping Jack toy	Students will explore control of movement through the making and testing a range of linkages leading to the creation of a working jumping jack

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Art	Creatures	<p>Year 7 have the exciting opportunity to study 2D and 3D art around the theme of 'creatures', during which they will study insects and evolve to creating their own 3D monsters for their final piece. They will take inspiration from the contemporary artist, Jon Burgerman and create their own Burgerman style artwork and a collaborative piece.</p> <p>They will be introduced to a range of materials and techniques, including drawing, painting and printmaking.</p>
Cookery	Introduction to cookery, kitchen safety. Packed lunches	<p>Students will be introduced to the cookery programme, initially concentrating on kitchen safety</p> <p>Moving onto sandwiches and packed lunches, looking at different ingredients, introducing new flavours.</p> <p>Emphasis will be on healthy eating</p>
PSHEC	Relationships  Community  Learning to Learn  Well-being	<p>Students will learn to understand their emotions and feelings, and begin to process the experiences they have had. They will rebuild relationships and re-learn how to interact positively with others. Young people will be supported to engage with self-regulation strategies, which will help them to feel safe and calm.</p> <p>Students will learn to understand the world we are now living in and to equip them with tools and strategies to help them process what is different and what we can do to help. To re-learn the routines and structures of the school community.</p> <p>Students will be given the opportunity to rebuild and re-skill themselves as learners in order to regain their confidence in learning.</p> <p>We will support our students to explore their feelings, emotions and sense of well-being. This will enable them to acknowledge, accept and feel secure and positive in the world we now live in.</p>
Performing Arts	Feelings & Emotions	<p>Students will complete a project on different genre of music and discovering if they like it or not, talking about feelings , how it makes us feel and what it sounds like.</p> <p>Students will then complete a project where they can explore their imagination and express feelings by doing so.</p>
RE	Myths and symbols	<p>Students will develop the skill of application of their basic knowledge of religious beliefs which will allow them to make comparisons between religions and cultures. It will allow students to develop an awareness of similarities and differences between religions, different cultures and practices. Students will develop ideas that are different to their own as well as a wider cultural awareness.</p>

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Computing	E-safety          Developing Typing skills	<p>Students will be focusing on how to stay safe when online. They will be looking at different social media sites and developing knowledge on the importance of keeping information private and being safe. Students will also be looking into how the Internet has its advantages and disadvantages.</p> <p>Students will develop their Typing skills, understand the posture of the hands and improve typing speed and confidence in typing accurately.</p>
PE	<u>Dance</u>          <u>Health related fitness</u>	<p>In this unit students focus on creating characters and narrative through movement and gesture from characters in the film "Matilda". In dance as a whole, students will think about how to use movement to explore and communicate ideas and issues, and their own feelings and thoughts.</p> <p>Students will be learning and exploring the effects of exercise on the body through experiencing different methods of training and exercise. Students will also be learning about and undergoing fitness testing.</p>
Moving Together	Dance Techniques and Performances	<p>Students will be encouraged to develop skills in creativity, collaboration, dance technique and art form understanding through practical and theoretical activities. The group will explore the work of artists and arts organisations, building an understanding of the local arts industry alongside their own interests, opinions and evaluative reflections.</p>
Humanities	Locational Knowledge	Continents Oceans Countries in the UK Capital Cities Surrounding Seas

Useful websites: BBC Bitesize KS3  
My Maths

We are pleased to help you with any questions you may have about your child.