

Hawking 1

Term 5 Curriculum Overview

<p>Computer science</p>	<p>What we are doing: We will start our Digital Literacy strand where we will be discussing and looking at Online Safety, Apps, Websites, what is real online and what is not.</p> <p>How school will do this: Students will learn about keeping personal information safe, not talking to strangers online, understanding what cyberbullying is and knowing who to talk to if they see something horrible online.</p> <p>How you can help at home: Make sure students are aware of who they can talk to at home and school if they see something horrible online and remind them not to click on anything they are not sure of.</p> <p>Keywords: Safety, Online, Website, Internet, Social</p>
<p>English</p>	<p>What we are doing: Developing our reading and writing skills through the Read Write Inc Phonics program. Students will explore non-fiction books during reading sessions.</p> <p>How school will do this: Students will continue to work on their reading and writing skills using variety of resources, including the Read Write Inc. phonics program and books on RNIB book share https://www.rnibbookshare.org/login. Students will have access to a range of phonetically decodable text to use during ERIC time. Students will be provided with a range of non-fiction books, and guided to compare and contrast the features of fiction and non-fiction through class or adult led discussions.</p> <p>How you can help at home: You can support your child at home by continuing to read with them as often as possible, and encouraging their comprehension of the text through questions about what they have read. If possible, visit the library to explore non-fiction books on your child's favourite topic. You can also find texts on the RNIB BookShare. Explore the features of a non-fiction book such as the contents page, index and glossary. <i>As part of developing phonics in class, your child will be completing assignments on spelling shed which will support them with spelling words containing the sounds they have been learning. If you wanted to practise these at home with your child, please follow the link below.</i></p> <p>Website: https://play.edshed.com/en-qb</p> <p>Log in:</p> <p>Password:</p>
<p>Maths</p>	<p>What we are doing:</p>

	<p>Geometry: Position and Direction Measurement: Time</p> <p>How school will do this: Students will continue to develop their understanding of position and direction, including using mathematical language to describe movement and turns. We will use a variety of tactile, mechanical and online resources to develop these concepts. Students will build on their existing knowledge of time through the exploration of clocks, activities and topic specific language.</p> <p>How you can help at home: Access Doodle Maths as much as possible. It's key to allow your child to work out the answers with minimal prompting, as their answers change the algorithm which may push up the level of questions to a point beyond which they are currently working. Please ask if you need their login details. When travelling, or moving around in the home, discuss directions. Make a maze and ask your child to direct you to move through this using the keywords. Share the time with your child, noting digital or analogue clockfaces, and what these look like at different times of the day.</p> <p>Keywords: Forward, Backward, Right (clockwise) turn, Left (counter-clockwise) turn, quarter, half, whole, seconds, minutes, hours</p>
<p>Science</p>	<p>What we are doing: Hawking 1 will be learning about plants.</p> <p>How school will do this: Students will learn the names of different parts of plants, and the jobs they do. They will work scientifically and collaboratively to investigate the functions of different parts of the plants, and will present their findings to their classmates, including predicting what will happen in an investigation into the transportation of water within plants. They will work in a hands-on way to identify the parts of a flower, and will explore the different stages of the life cycle of a flowering plant.</p> <p>How you can help at home: Visit a garden centre, organic farm, biodome or arboretum to learn more about plants and their life cycle. The Pollen Park website gives children the chance to explore all areas of the life cycle of flowering plants in a fun and interactive way. http://www.concer-tina.co.uk/hyper/</p> <p>The Kids Garden website has lots of ideas for involving children in gardening, using their knowledge of plants. https://www.thekidsgarden.co.uk/</p> <p>Keywords: life cycle, function, observation, conclusion</p>
<p>Humanities</p>	<p>What we are doing: History: The Romans</p> <p>How school will do this: Students will learn about the spread of the Roman Empire out of Italy and across large parts of Europe, parts of North Africa and West Asia. They will learn how</p>

	<p>Britain changed after the invasion and conquest by the Roman army in AD 43 and about the impact on daily life. Children will learn about the Roman legacy and will explore key historical terms.</p> <p>How you can help at home: Find out about aspects of Roman culture, including the use of mosaics, pottery or glassware. Visit sites (in person or via Google Earth) of Roman occupation. Lullingstone Roman Villa is in a local town. More information available at : https://www.english-heritage.org.uk/visit/places/lullingstone-roman-villa/</p> <p>Keywords: Roman, Italy, empire, invasion, conquest</p>
<p>PE</p>	<p>What we are doing: This Term in PE students will be working on their ability to work in teams linked to Orienteering and problem solving.</p> <p>How school will do this: Students will be doing this by identifying key places around the school and solving problems. They will be working in teams and working on the ability to work together and take roles within them. The problems will involve using their basic range of movement and incorporating fundamental movement skills.</p> <p>How you can help at home: At home encourage your student to lead an activity. This could be taking a pet out for a walk and deciding which direction/route to go. This also could be when shopping, finding a grocery independently.</p> <p>Keywords: Direction, Communication, Leadership, Teamwork, Problem Solving</p>
<p>Cooking</p>	<p>What we are doing: During Term 5 H1 will be making a variety of food items to be sold at the Valence School Fair.</p> <p>How school will do this: Each week students will make different items that have a long shelf life for example pickles and preserves that will be keep at their best and be available to buy from a 'Made at Valence' stall.</p> <p>How you can help at home: Discuss with your child what they have made each week and ask them to explain the steps taken to make the item.</p> <p>Keywords: Pickle, Preserve, Vinegar, Spices.</p>
<p>Music</p>	<p>What we are doing: We will be developing knowledge and understanding of dynamics, pitch and instruments. We will also be learning to compose music musical soundscapes based around different scenes.</p> <p>How school will do this: During our lessons we aim to:</p>

	<p>Sing, play and follow instructions to perform as a group. Describe music using simple musical vocabulary. Explore multiple ways of making the same sound. Represent the same sound in different ways. Describe how they have adapted a sound using musical vocabulary. Contribute musically to a final performance. Create a piece that clearly represents a particular environment.</p> <p>We will also be thinking about Valence Has Talent and see if we would like to perform something individually or as a class.</p> <p>How you can help at home: Listen to the radio or explore some of your favourite music together. Encourage them to give an emotional response to the music. Do they have a preference in what they listen to? Do they respond to different tempos? Do they prefer music which is fast or music that is slow?</p> <p>Key words: composition, duration, dynamics, pitch, structure, tempo</p>
<p>Swimming</p>	<p>What we are doing: This term students will be working towards their individual AQA Unit Award Scheme targets</p> <p>How school will do this: Students will be completing a variety of ability dependent awards within swimming. These awards are bespoke to each individual and enable them to achieve a swimming certificate in an area that is appropriate to their individual swimming ability.</p> <p>How you can help at home: Encourage students to have a positive experience in and around water. Discuss the importance of water safety.</p>
<p>German</p>	<p>This term, we will study Module 3 of the German course. We will begin the term by revising the Module 2 content from term 4. Following on from this, we will describe our pets and express our opinion of our pets. We will learn the plural forms of nouns when describing multiple pets. We will describe our super pet and what it can do using the modal verb 'können' (to be able to). Furthermore, we will talk about which sports we like / do not like to play, and we will learn the present tense of the regular verb 'spielen' (to play) in the ich, du and er/sie/es forms. We will focus on the word order with 'gern' (like) after verbs. As well as learning the mechanics of the language, we will focus on some cultural aspects to help develop the students' knowledge of German-speaking countries. For example, we will watch videos about Hamburg and Munich and discuss these cities. Through learning German, the students will develop their independence to communicate in a range of ways.</p> <p>How school will do this: We will use a combination of listening and repeating, reading, translation, speaking, and written tasks. We will aim to cover 2 skills in each lesson. We will also use songs to help students remember the language. In some lessons, we will use interactive</p>

computer activities. We will be using our languagenut.com online website as a learning tool, in order to help support fun learning to build foreign language and communication skills in the classroom.

How you can help at home:

You can encourage your child to complete tasks online at home using their languagenut.com logon. This will help to reinforce their in-class learning. You can also encourage your child to research German-speaking countries.