

Kingswood Parks Knowledge and Skills Overview 2021- 2022—Year Four

Autumn Term— 'Harley Hitch and the Iron Forest' by Vashti Hardy

Harley Hitch is a girl who lives in Inventia, where technology blooms - literally! Trouble seems to follow Harley Hitch everywhere. That might mean explosions at school, runaway robots, or a giant slug! We will be writing a conquering the monster tale, non-chronological report, a meeting tale and creating an explanation text about how robots work. In Maths we will be learning about place value up to 10000 and developing our calculation methods.

Throughout the first term, children will be learning about the Roman Empire, focusing on how they invaded Britain and the resistance they encountered. Within this term, the children will explore a variety of rivers such as the Thames and Avon, from which they will research their main features. They will look at the names of and be able to locate a variety of the world longest rivers such as the Nile and Amazon. During this term, children will also learn how to use clay to sculpt, analysing the work of Elisabeth Frink for inspiration, to support them with designing and producing a clay trophy, which the pupil of the term (in Harley Hitch) might win. They will further develop their Design and Technology skills, as they will have chance to use a crumble kit, where they will have the opportunity to create a creature that lives in the Iron Forest.

In Computing, the children will learn how to design scenes and code to avoid onscreen obstacles, this will enable the children to create a code for a game where a player can achieve more than one goal. This term in Music, children will be given the opportunity to learn to play the fife, during wider opportunity lessons delivered by Hull Music Service. During these sessions, they will also be taught to identify and describe the different purposes of music. Children will also learn to sing songs from memory with accurate pitch and be given the opportunity to perform these songs, as well as play their fife in front of a large audience. The children will take part in weekly RE lessons, where they will be developing their knowledge about beliefs in the community and why light is an important symbol in many religions. Through PSHE lessons children will learn how to be comfortable being themselves in their world and learn how to celebrate individual's differences.

In Science, they will learn about living things and their habitats and Electricity. In PE, children will explore athletics and skills used in team games using Real PE.

Spring Term— 'Coming to England' by Floella Benjamin

Coming to England by Floella Benjamin is a memoir of Dame Floella Benjamin's inspiring childhood memories that reminds us that courage can always overcome adversity, and that friends can be found in the most unlikely places. We will be using the text to develop our use of openings and build ups, and dialogue. In fiction lessons, we will be writing a wishing tale and a warning tale. During our non-fiction lessons we will be writing instructions to bake a cake and writing diary entries that Floella and her siblings sent to their family. During our Math's lessons we will use our knowledge of multiplying and division to solve a number of problems and we will be developing our understanding of fractions.

In History, the children will be learning about life in Egypt 3000 years ago, about the way of life for Egyptians and who Cleopatra and Tutankhamun were. In Geography, the children will learn about the tropics, equator and capital cities of the world. In addition to this, they will use globes and maps to identify and locate these. Within this term, children will be exploring food technology, learning how to be both hygienic and safe when using food, as well as learning to be creative with flavour and presentation in order to design and create their own cakes. During their Computing lessons, children will learn how to safely select images from the internet and learn how to create a short film using our green screen technology. Additionally during our Art lessons children will learn how to create portraits, using George Seurat for inspiration.

In music, children will continue to learn to play the fife, progressing onto playing a wider variety of notes as well as learning how to read basic music notation accurately. Furthermore, the children will be learning dance techniques during PE lessons. They will learn about animals including humans in Science and explore their dreams and goals during PSHE lessons. Children will continue their RE learning, this term developing their understanding about Saints and Heroes, as well as the Christian symbol of the tomb at Easter time.

Illustrated by
JOELLE AVELINO

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Summer Term—'Armistice Runner' by Tom Palmer

Lily has lots of worries. She's struggling to compete in her fell-running races and, worse, she's losing her gran to Alzheimer's. But then she discovers her great-great-grandfather's diaries from the First World War. Could his incredible story of bravery help her reconnect with her gran and even give her the inspiration she needs to push through and win? The children will have the opportunity to use this story to write a journey tale. We will also be learning about propaganda from the World Wars to write our own persuasive texts, and about important World War events and people to write newspaper reports. During our Maths lessons we will be using our knowledge of calculations to solve a range of 2 and 3 step problems.

In History this term, the children will be continuing to look at how Britain changed during WWI. They will have the opportunity to research at least one famous European leader, explore what it was like for a soldier to live in the trenches and discover the history of rationed food. In Art the children will be taught how to paint a landscape, which includes a reflection, where they will advance their brush stroke techniques, using the work of John Horace Hooper as inspiration. In Computing, the children will continue to develop their skills, learning how to use the find and replace tool as well as how to wrap a text. They will also learn how to create multipage documents, create backgrounds and insert textboxes in order to create a poster. In music, children will further develop their performance skills, performing pieces on the fife. We will be linking this to WWI where the children will develop their sewing skills during their Design and Technology lessons. They will learn how to cut and join textiles using a running stitch, over sewing, back stitch or fastenings, as well as learning how to applique, in order to create a panel for a blanket for a soldier in the trenches. In Geography the children will learn about the locations and names of various mountain ranges worldwide as well as in the UK. Additionally, the children will have the opportunity to discover the features of the water cycle.

In Science the children will learn about states of matter and sound, they will also continue their RE learning this term by developing their understanding about our world and why it is so important. Furthermore, in PE children will be developing their physical agility and static balance, alongside their health and fitness and athletic skills. In PSHE this term, children will be taught about friendships and relationships as well as learning about the changes their bodies will go through during puberty.