**Heathcoat Primary School Curriculum Map: Year 6 2023-2024**

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| **Year 6** | **Autumn Term** | | **Spring Term** | | **Summer Term** | |
| **1** | **2** | **1** | **2** | **1** | **2** |
| **English**  **Including reading, writing, phonics/spelling and grammar** | The Sea (poetry)  Paraphernalia  (fiction) | My Secret War Diary  (non-fiction)  The Tear Thief (fiction) | A Word in Your Ear  (fiction) | Wallace and Gromit – Cracking Contraptions  (non-fiction) | Blackberry Blue and Other Fairy tales  (fiction) | Women in Science  (non-fiction)  Earth Verse: Haiku From the Ground Up  (poetry) |
| **Reading** | Guided reading sessions  Accelerated Reader books | Guided reading sessions  Accelerated Reader books | Guided reading sessions  Accelerated Reader books | Guided reading sessions  Accelerated Reader books | Guided reading sessions  Accelerated Reader books | Guided reading sessions  Accelerated Reader books |
| **Maths** | Addition & Subtraction  Multiplication and division | Number & place value  Geometry  Addition & Subtraction | Multiplication and division  Area, Perimeter & Direction | Fractions & Percentages  Statistics | KS2 SATS  Ratio & Proportion  Addition & Subtraction | Multiplication & division  Order of operations  Mean average |
| **Science** |  | Light  How does light travel from different light sources? | Electricity  How do you vary an electric circuit and identify its components? | Evolution and inheritance  How have humans and animals evolved? | Animals including humans-  What is the circulatory system and what is its function? | Living things and their habitats –  How can we classify micro-organisms, plants and animals? |
| **ICT** | **Internet Safety Focus** Lesson 1: Life online To describe issues online that give us negative feelings and know ways to get help  **Computing systems and networks: Bletchley Park**  Discovering the history of Bletchley Park, historical figures, and computer science. Children learn about code-breaking and password hacking as well as decoding messages. Children present information about historical figures. (Microsoft 365) | **Internet Safety Focus** Lesson 2: Sharing online To think about the impact and consequences of sharing online  **Programming: Intro to Python**  Learning the fundamentals of the programming language of Python, they will test, change and explain what their program does. Children use loops and explain what repeats do and what the parts of the loop do while recognising that computers choose random numbers and decompose the program into an algorithm. | **Internet Safety Focus** Celebrate Safer Internet Day (Feb) Lesson 3: Creating a positive online reputation To know how to create a positive online reputation  **Data handling 1: Big Data 1**  Understanding about the use of big data including barcodes, QR codes, infrared, and RFID technologies. Children will create and scan their own QR codes, Internet Safety Focus Lesson 4: Capturing evidence To be able to describe how to capture bullying content as evidence Creating media: History of computers Writing, recording and editing radio plays set during WWII, looking back in time at how computers have evolved and designing a computer of the future. Internet Safety Focus Lesson 5: Password protection To manage personal passwords effectively Data handling 2: Big Data 2 -Understanding data usage through the use of mobile data vs WiFi, the Internet of Things, and big data. Identifying high/low data activities and preparing presentations on using Big Data/IoT to improve school efficiency while respecting privacy. Internet Safety Focus Lesson 6: Think before you click To be aware of strategies to help be protected online Assessment Year 6 – Online Safety Prepare Digital Literacy skills for high school. Skills showcase: Inventing a product Designing a new electronic product and using CAD software to design appropriate housing for it. Developing skills in website design, video editing, and persuasive language to promote their product. | **Internet Safety Focus** Lesson 4: Capturing evidence To be able to describe how to capture bullying content as evidence  **Creating media: History of computers**  Writing, recording and editing radio plays set during WWII, looking back in time at how computers have evolved and designing a computer of the future. | **Internet Safety Focus** Lesson 5: Password protection To manage personal passwords effectively  **Data handling 2: Big Data 2**  -Understanding data usage through the use of mobile data vs WiFi, the Internet of Things, and big data. Identifying high/low data activities and preparing presentations on using Big Data/IoT to improve school efficiency while respecting privacy. | **Internet Safety Focus** Lesson 6: Think before you click To be aware of strategies to help be protected online Assessment Year 6 – Online Safety Prepare Digital Literacy skills for high school.  **Skills showcase: Inventing a product**  Designing a new electronic product and using CAD software to design appropriate housing for it. Developing skills in website design, video editing, and persuasive language to promote their product. Evaluating and adapting existing code, debugging programs, and searching for accurate information online. |
| **PE** | Real Gym  Cog: Cognitive  Funs 12 & 3  Swimming 6S | Real Gym  Cog: Personal  Funs 12 & 3  Swimming 6FC | Real PE  Cog: Social  Balance & Counter Balance  Real Dance | Real PE  Cog: Creative  Dynamic Balance to Agility  One leg Balance | Real PE  Cog: Health & Fitness  Static Balance Stance  Co-ordination footwork | Sports Day  Real PE  Cog: Physical  Co-ordination send & receive  Agility Ball Chasing |
| **History** | WW2 – Battle of Britain |  |  | Shang Dynasty | British Empire |  |
| **Geography** |  | Why are mountains so important? | Why Is Fair Trade Fair? |  |  | Who are Britain’s National Parks for? |
| **Music** | Songs of World War 2 | Christmas Performance Practise | Advanced Rhythms | Film Music | Theme and Variations: Pop Art | Composing and performing a Leavers’ song |
| **RE** | U2.2 Creation and science: conflicting or complementary? | U2.11 Why do some people believe in God and some people not? | U2.7 Why do Hindus want to be good? | U2.5 What do Christians believe Jesus did to ‘save’ people? | U2.6 For Christians, what kind of king is Jesus? | U2.12 How does faith help people when life gets hard? |
| **PSHE** | **Jigsaw:** Being me in my world. | **Jigsaw:** Celebrating differences | **Jigsaw:** Dreams and goals | **Jigsaw:** Healthy me | **Jigsaw:** Relationships | **Jigsaw:** Changing me |
| **Art** | WW2 collage |  | Printing |  | 3D art |  |
| **DT** |  | Structure - playgrounds |  | Electrical systems: steady hand game |  | Food – Come Dine with Me |
| **French** | A L‘Ecole (At school)  At School | | Le Weekend  The Weekend | | Me in the World  Me In The World | |
| **Performance opportunities** | Continued drama links with English.  Focus on speaking and listening. | Continued drama links with English.  Focus on speaking and listening. | Continued drama links with English.  Focus on speaking and listening. | Continued drama links with English.  Focus on speaking and listening. | Continued drama links with English.  Focus on speaking and listening. | End of year assembly.  Focus on speaking and listening. |
| **Other including trips or visitors** | WW2 Experience Day in School | PSHE visitor |  | Church visit – Easter | Debbie (church) – talk about Kingdom work in Tiverton  SATS tests | Exmoor visit |
| **British values**  Rule of law  Democracy  Tolerance of different cultures and religions  Mutual respect  Individual liberty | Tolerance of different cultures and religions  Mutual respect  Individual liberty  Democracy  (link to WW2) | Tolerance of different cultures and religions  (link to RE)  Mutual respect  Individual liberty  (link to PSHE) | Tolerance of different cultures and religions  (link to RE) | Democracy  (link to Geography - fair trade) | Rules of Law  (link to History - British Empire) | Tolerance of different cultures and religions  (link to RE) |