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

|  |  |  |  |
| --- | --- | --- | --- |
| **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 & SubtractionMultiplication and division | Number & place valueGeometryAddition & Subtraction | Multiplication and divisionArea, Perimeter & Direction | Fractions & PercentagesStatistics | KS2 SATSRatio & ProportionAddition & Subtraction | Multiplication & divisionOrder of operationsMean average |
| **Science** |  | LightHow does light travel from different light sources? | ElectricityHow do you vary an electric circuit and identify its components? | Evolution and inheritanceHow 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 & 3Swimming 6S | Real Gym Cog: PersonalFuns 12 & 3Swimming 6FC | Real PECog: Social Balance & Counter BalanceReal Dance |  Real PECog: CreativeDynamic Balance to AgilityOne leg Balance | Real PECog: Health & FitnessStatic Balance StanceCo-ordination footwork | Sports DayReal PECog: PhysicalCo-ordination send & receiveAgility 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 TivertonSATS tests  | Exmoor visit |
| **British values** Rule of lawDemocracyTolerance of different cultures and religions Mutual respect Individual liberty  | Tolerance of different cultures and religionsMutual respectIndividual libertyDemocracy (link to WW2) | Tolerance of different cultures and religions(link to RE)Mutual respectIndividual 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) |