**Heathcoat Primary School Year 5 Curriculum Map 2023/24**

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| **Year 5** | **Autumn Term** | **Autumn Term** | | **Spring Term** | | **Spring Term** | **Summer Term** | **Summer Term** |
| **1** | **2** | | **1** | | **2** | **1** | **2** |
| **English**  **Writing, Reading Phonics/**  **spelling and Grammar** | Jungle Survival Handbook by Jen Green (Non-Fiction)    Kensuke’s Kingdom by Michael Morpurgo- (Fiction) | Bethlehem – a Christmas Poem by Carol Ann Duffy | | The Ice Bear by Jackie Morris (Fiction)    The Lost Words by Jackie Morris (Poetry) | | A thief in the Village– Mouth-Organ Boys (Fiction) | Heathcoat Ridgeback  (Non-Fiction)    Straw into Gold: Fairy tales re-spun by Hilary McKay (Fiction) | How to Live Like a Stone Age Hunter by Anita Ganeri (Non-Fiction) |
| **Maths** | NCETM Decimal Fractions  Money | Negative Numbers  Short multiplication and division | | Short multiplication and division 1  Area and scaling | | Calculating with fraction  Factors, multiples and primes | Fractions | Fractions  Converting units  Angles |
| **Science** | Properties and changes of materials | Forces | | *National Science Week-* Earth and space | | | Animals, including humans | Living things and their habitats |
| **Computing** | **Internet Safety Focus**  **Lesson 1: Online protection**  To understand how apps can access our personal information and how to alter the permissions    **Computing systems and networks: Search engines**  Learning what a search engine is and understanding why keywords and phrases are important, identifying inaccurate information and recognising the terms ‘copyright and ‘fair use’. Children make parallels between book searching and internet searching, explaining the role of web crawlers and recognising that results are rated to decide rank. | **Internet Safety Focus**  **Lesson 2: Online communication**  To be aware of the positive and negative aspects of online communication    **Programming 1: Music**  Applying programming skills to create sounds and melodies leading to a battle of the bands performance. | | **Internet Safety Focus**  **Celebrate Safer Internet Day (Feb)**        **Data handling: Mars Rover 1**  Identifying some of the types of data that the Mars Rover collects and explaining how the Mars Rover transmits the data back to Earth. Children will read binary numbers, and understand binary addition as well as identifying input, processing and output on the Mars Rovers. | | **Internet Safety Focus**  **Lesson 3: Online reputation**  To understand how online information can be used to form judgements    **Programming 2: Micro:bit**  Clipping blocks together in a program and predicting what will happen while making connections with previously used programming interfaces. Children create animations, recognise inputs/outputs, choose appropriate blocks, and break programs down into smaller steps. | **Internet Safety Focus**  **Lesson 4: Online bullying**  To discover ways to overcome bullying    **Creating media: Stop motion animation**  Storyboarding ideas, taking photographs and editing to create a video animation. | **Internet Safety Focus**  **Lesson 5: Online health**  To understand how technology can affect health and wellbeing    Assessment Year 5 – Online Safety    **Skills showcase: Mars Rover 2**  Learning about pixels and binary, creating a pixel picture and saving a JPEG as a bitmap to understand the transfer of image data. Children will learn about the ‘fetch, decode, execute’ cycle and its real-world applications while beginning to use 3D design tools. |
| **PE** | Cognitive Cog  REAL Gym Wk1-3  REAL PE Wk 1-3 Funs 12 Agility Wk 4-6 Funs 3 Co-ordination | Personal Cog  REAL Gym Wk1-3  REAL PE Wk 1-3 | | Whole Cohort Swimming | | | Health & Fitness Cog  REAL PE Week 1-3 Static Balance Stance Week 4-6 Basketball/ Netball  REAL PE Week 1-3 Coordination Footwork Week 4-6 Athletics Discus, Javelin, Standing LJ Hurdles Shot | Personal Cog  Wk1-3  Sports Day Practice Sports Day 4th July REAL PE Week 4-7 Coordination Sending & receiving  REAL PE Week 1-3 Agility Ball Chasing Week 4-6 Cricket Rounders Volleyball Throlf |
| Social Cog  REAL Dance | | Creative Cog  REAL PE Wk 1-3 |
| **History** |  | The story of the Trojan Horse: historical fact, legend or classical myth? | |  | | York – What did King George IV mean when he said ‘The history of York is the history of England?’ | Maya – Why did the Ancient Maya change the way they lived? |  |
| **Geography** | How do volcanoes affect the lives of People on Hiemaey? |  | | What is a river? | |  |  | How is climate change affecting the world? |
| **Music** | KAPOW Programme:  Composing notation: Egyptians | Christmas Performance | | KAPOW Programme:  Blues | | KAPOW Programme:  South and West Africa |  | KAPOW Programme: Looping and remixing: Dance music |
| **RE** | Unit U2.1 What does it mean for Christians to believe that God is holy and loving?  **.** | Unit U2.8 What does it mean to be a Muslim in Britain today? [Tawhid/Iman/Ibadah] | | Unit U2.3 Why do Christians believe that Jesus is the Messiah? [Incarnation] | | Unit U2.9 Why is the Torah so important to Jewish people? [God/Torah] | Unit U2.4 How do Christians decide how to live? ‘What would Jesus do?’ [Gospel] | Unit U2.10 What matters most to Humanists and Christians? |
| **PSHE** | Jigsaw: Being in my World | Jigsaw: Celebrating Differences | | Jigsaw: Dreams & Goals | | Jigsaw: Healthy Me | Jigsaw: Relationships | Jigsaw: Changing Me |
| **DT** | Textiles: Stuffed toys: – blanket stitch |  | | Mechanical systems: Making a pop-up book: | |  | Food: What could be healthier? |  |
| **Art** |  | Collage  To learn about different techniques of collage and to apply these skills to making a collage of the story of the Trojan Horse. | |  | | Printing  To create a printing block using texture and different colours inspired by nature. |  | 3-D  Designing and making a clay dragon using skills learnt such as making pinch pots and creating texture. Links with English Heathcoat Ridgeback work. |
| **French Kapow** | Phonetics Lesson 3 & Do you have a pet? | | | Weather | | | Clothes | |
| **Performance opportunities** | Jigsaw themed songs weekly.  Music – Egyptians composing notation | Jigsaw themed songs weekly  Music – 12 Bar Blues on a tuned percussion | | Jigsaw themed songs weekly  Music – learning and performing a traditional African song & Using a tuned percussion | | Jigsaw themed songs weekly  Music – Composition to represent the festival of colour India (Holi) | Jigsaw themed songs weekly  Music – Looping & remixing: dance music | Jigsaw themed songs weekly  Musical theatre  Heathcoat’s Got Talent/ School production TBC  Debate linked to Geography, how climate has changed environment. |
| **Other including trips or visitors** | Potential visitor liked to RE | | | Potential visitor liked to RE  Fire Service Talk | | | Forest Schools  5F TBC  5K TBC | Eden project trip connected climate topic in Geography. |
| **British values**  Rule of law  Democracy  Tolerance of different cultures and religions  Mutual respect  Individual liberty | **Rule of Law** – Golden Rules and Behaviour Scheme Introduction    **Democracy** – School Council Elections    **Tolerance of Different Cultures and Religions** – RE (Christianity)    **Mutual Respect** – PSHE and RE    **Individual Liberty** – School Council Elections, PSHE and RE | | **Rule of Law** – Internet Safety    **Tolerance of Different Cultures and Religions** – RE (Islam-What it is like to be a Muslim?)    **Mutual Respect** – PSHE, RE and Internet Safety    **Individual Liberty** – Safe Internet Usage, PSHE and RE | **Tolerance of Different Cultures and Religions** – RE (Christianity)    **Mutual Respect** – PSHE and RE    **Individual Liberty** – PSHE and RE | **Rule of Law-**  **History-** ‘The history of York is the history of England?’      **Tolerance of Different Cultures and Religions** – RE (Judaism)    **Mutual Respect** – PSHE and RE    **Individual Liberty** – PSHE and RE | | **Tolerance of Different Cultures and Religions** – RE (Christianity)    **Mutual Respect** – PSHE and RE    **Individual Liberty** – PSHE and RE | **Tolerance of Different Cultures and Religions** – RE (Christianity and Humanism-How Humanist believe in respecting those around them and the law)    **Mutual Respect** – PSHE and RE  English trip to the Eden Project to see how they are respecting the environment and encouraging positive change with the climate.    **Individual Liberty** – PSHE and RE |