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| **British Values in Computing** Our Art curriculum provides a vehicle for furthering understanding of the fundamental British values |
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| Mutual Respect | Tolerance of those of different faiths and beliefs |
| * In computing, we understand the use of rules on computers and the internet, such as when we are allowed to use social media and what we are allowed to post and share.
* We understand that rules are to keep others and ourselves safe and to help the internet to be an enjoyable and engaging place.
 | * In computing children learn to understand and be considerate to the views of other internet users.
* We understand that we are each part of the democracy of the internet and that we can each, in our own small way, affect the way the internet exists.
* Throughout our Computing curriculum, they are encouraged to take into account the views of others as well as sharing their thoughts and opinions on other’s work.
 | * In computing we understand how to use our right to freedom of speech in a respectable and thoughtful way, being considerate of how this speech will affect others.
* In computing, we explore the freedom the internet and computers offer us in discovering information and connecting us with the world
* E-Safety days, to educate children on their rights and personal freedoms as well as supporting them in recognising how to exercise these freedoms safely
 | * In computing we appreciate and understand the views of others, our right to challenge, question and discuss opinions and views, and to do this in a respectable and thoughtful way.
* We understand that as we are connected with the world while accessing the internet, we are exposed to the widest range of views, and we are learning to respect them.
 | * In computing we understand that we are connected to people across the whole world.
* We understand that these are people from different communities, cultures, faiths and beliefs.
* We use the opportunities offered in computing to question, challenge and understand people with these different characteristics to support and develop our tolerance of them.
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| **Additional Opportunities:** |

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|  | **Cycle A****Term 1** | **Cycle A****Term 2** | **Cycle A****Term 3** | **Cycle B****Term 1** | **Cycle B****Term 2** | **Cycle B****Term 3** |
| EYFS | **Ongoing development of skills:**Use of Ipads in provision – access phonics/maths games, apps, camera, video…QR codes – linked to video, games, songs, defining vocabulary…Story phones – phonics songs, nativity performances, stories, listening to music…Computers – navigating a mouse, using a keyboard, selecting icons, computer based apps e.g. paint, selecting programmes…Beebots – programming, algorithms, navigation…SMART – all areas of learning, independent access…Chatterbox – speaking and listening opportunities…E-safety dayLogging onto computer/Ipads Printing when using computers… |
| Key Stage 1 | ‘A world of discovery’**Computer Science: Algorithms**Y1 – BeeBots – Explore a mat.Y2 – Scratch - Explorer Animation**ESafety Aut1:**Going Places Safely | Topic: London’s burning’**Multimedia:****Mother’s Day Cards/Invites**Y1 – Clicker6Y2 – Word**ESafety Spr1:**ABC Searching**ESafety Spr2:**Keep it private | Topic: Paddington’s Travels’**Computer Science: Debugging**Y1 – BeeBots – Debug algorithm to a target locationY2 – Scratch – Debug Paddington animation**ESafety Sum1:**Fun and Games**ESafety Sum2:**Sending Email | Topic: ‘Enchanted Forest/Toys’**Computer Science: Algorithms**Y1 – BeeBots – Explore a mat.Y2 – Scratch – Traditional tale Animation**ESafety Aut1:** Staying Safe Online | ‘Wonderful World’**Data Handling:****Tables and Pictograms**Microsoft WordOnline Pictogram tools**ESafety Spr1:**Follow the digital trail**ESafety Spr2:**Screen out the mean | ‘How does your garden grow’**Computer Science: Debugging**Y1 – BeeBots – Debug algorithm to a target locationY2 – Scratch – Debug Paddington animation**ESafety Sum1:** Using Keywords**ESafety Sum2:**Sites I like |
| Lower Key Stage 2 | Stone Age to Iron Age’**Computer Science: Pens and drawing**Scratch – Drawing**ESafety Aut1:**Powerful Passwords | ‘Greeks’**Multimedia:****Mother’s Day Cards/Invites**Publisher Bifold**ESafety Spr1:**My online community. | ‘Greeks’**Networks**:Local Area Networks**ESafety****Spr2:**Things for sale | ‘Local Area’**Computer Science:**Quiz**Computer Science: Sounds/ Composition**Scratch – to be completed in music.**ESafety Sum1:**Show respect online**ESafety Sum2:**Good Game | ‘Romans’**Computer Science:****Maze Game**Scratch**ESafety Aut1:**Rings of responsibly | ‘Window on the World’**Data Handling:****Excel**Enter data and create a bar graph.**ESafety Spr1:**Private and Personal Information**ESafety Spr2:**The Power of Words | Anglo Saxons**Computer Science: Anglo Saxon Animation**Scratch – Drawing**ESafety Sum 1**The Key to Keywords?**ESafety Sum 2**Whose is it anyway? |
| Upper Key Stage 2 | ‘Poppies, Peace and Power’**Computer Science:**Scratch – Clocks and Timers**ESafety Aut1:**Strong Passwords | Natural Disasters**Multimedia:****Mother’s Day Cards/Invites**Publisher quarter-fold cards and envelopes.**ESafety Spr1:**Digital Citizen pledge | Natural Disasters**Networks**:How does the internet work?**ESafety Spr2:**You’ve won a prize | Space**Computer Science:**Microbit Rover**ESafety Sum1:**How to Cite a Site**ESafety Sum2:**Picture Perfect | Vikings**Computer Science:**Scratch – Coin Generator**ESafety Aut1:**Talking Safely online**ESafety Aut2:**Check your Status | Egyptians**Data Handling:****Excel**Examine data, create line graphs, present findings in PowerPoint.**ESafety Spr1:**Super Digital Citizen**ESafety Spr2:**Privacy Rules | ‘Rainforests’**Computer Science:**Microbit GPIO pins**ESafety Sum 1**What’s Cyber Bullying?**ESafety Sum 2**Selling Stereotypes |