# Computing LTP 2019 – 2020

| | | Autumn term 1 | Autumn term 2 | Spring term 1 | Spring term 2 | Summer term 1 | Summer term 2 |
|---|---|---|---|---|---|---|---|
| **Foundation** | **Computing** | Where is technology used? | | Simply city – how is technology used to help us? | | | |
| | **E-safety** | Internet safety<br><br>Going places safely online | ABC searching | Keep it private | My creative work | Sending email | |
| | **Basic skills** | How to turn a laptop on | Introduction to keys on laptop | | | | |
| **Year 1** | **Computing** | Grouping and sorting | Pictograms | Lego builders | Maze explorers | Coding | Animated story books |
| | **E-safety** | 1-Internet safety – learn about exciting places online whilst remaining safe | 2-Information literacy – searching the internet | 3-Privacy & security – handling requests for personal information from online sites | 4-Information Literacy & Copyright / creative credit – taking ownership of their digital work, putting name and date on. | 5 – relationships & communication – how emails can help connect families and communities. | |
| | **Basic Skills** | Introduction to Microsoft word | | Spreadsheets | | | |
| **Year 2** | **Computing** | Coding | Questioning | Effective searching | Creating pictures | Making music | Presenting ideas |
| | **E-safety** | 1-Internet safety – choosing appropriate websites and avoiding unsuitable ones | 2-Digital footprint &reputation / privacy and security – nothing is completely deleted online and managing their digital footprint | 3-Cyberbullying / Relationships & communication – explore meaning of cyberbullying and how to react if they encounter it | 4-Information Literacy – keyword searching as effect method to locate information online | 5-Information Literacy – criteria for rating informal websites and impact of using poor quality websites and information. | |
| | **Basic Skills** | Opening Microsoft word | Changing font and size | Saving a document in a specific style | Revisit - spreadsheets | | |

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| | | Basic typing | Changing colour of text | Opening an existing document | | | |
| Year 3 | Computing | Coding | Touch typing | Email | Branching databases | Simulations | Graphing |
| | E-safety | **1-Privacy & security** – use of passwords and creating strong, secure passwords | **2 – Relationships & communication** – how online communications can bring communities and people together | **3-Information Literacy-** examine product websites and how their purpose is to sell items. | **4-Relationship & communication** – compare in-person and online communications and how to write clear, respectful messages online. | **5-Relationships & communication** – effective communication via email – the purpose and audience applicable to their tone. | |
| | Basic Skills | **Inserting a picture** | **Aligning text** | **Undo button** | **Spread sheets progression** | | |
| Year 4 | Computing | Coding | Writing for different audiences | Logo | Animation | Effective searching | Hardware investigators |
| | E-safety | **1-Self image & identity and Relationships & communication** – responsible and respectful offline and online | **2-Privacy&security and information literacy** – protecting identity from online theft, sharing information online. | **3- Internet safety & cyberbullying** – what actions can they take to stand up to cyberbullies | **4 – Information literacy** – strategies to increase accuracy of searches. | **5- Creative credit & copyright / information literacy** – using copy righted work is plagiarism – when and how its okay to use the work of others. | |
| | Basic Skills | **(All of the above)** **Inserting and using a table** | | | | | |
| Year 5 | Computing | Coding | Databases | Game creator | 3D modelling | Concept maps | |
| | E-safety | **1-privacy & security** – creating strong, secure password to increase online protection | **2-relationships & communication / self image & identity** – common expectations to create a strong digital community. | **3-Privacy & security** – what spam is and what form it takes. Strategies in dealing with spam. | **4-Information literacy** – importance in citing sources when doing research. Writing bibliographical citations for online sources | **5-Creative credit & copyright / information literacy / self image & identity** – how photos can be altered online, the distortion of beauty and health through | |

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| | | | | | | image manipulation. | |
| | Basic Skills | (All of the above)<br><br>Using spell checker | | | | | |
| | Computing | Coding | Blogging | Text adventures | Networks | Quizzing | |
| Year 6 | E-safety | **1-Internet safety / relationships & communication** – developing rewarding relationship online but not revealing private information. | **2- Relationships & communication / self image and identify** – how to help resolve poor digital citizenship if they witness it | **3 – Privacy & security** – identify secure sites looking at privacy policies and settings | **4 – Cyberbullying / Relationships & communication** – strategies to deal with cyberbullying and comparison with in person bullying | **5 – Information literacy / self image & identity** – explore the powerful role media plays in shaping our ideas. | |
| | Basic Skills | (All of the above)<br><br>Using thesaurus tool | | | | | |