**An holistic learning community where all thrive**

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| Year Group | Autumn One | Autumn Two | Spring One | Spring Two | Summer One | Summer Two |
| Year One | E-Safety – introduction  Using Technology – what is technology – not just using computers!  Safe use of technology – electronic devices | Using the internet.  E-safety – keeping safe  Programming and control – toys and devices – beebots(sequencing and instructions) | Digit Media – taking photographs, begin to record video, begin to record sounds.  E-Safety- sharing images/videos | Creating and Publishing – add text to photos, graphics, drawings and sounds.  E-Safety – Cyber-bullying | Using Data – sort objects into groups using a given or chosen criteria. | Communicating and collaborating online – class email and respond to messages  E-Safety – cyber-bullying, sharing personal information  Modelling and simulations – relate to fire of London. |
| Year Two | E-safety – develop understanding  **Using technology** – develop keyboards skills, typing speed using programmes and games. **Safe use of technology – posture** | **Programming and control**  Scratch  Understand algorithms  Create and debug simple programs | **Digit media** – develop use of video, create basic images, continue to take photographs.  E-Safety- sharing images/videos | **Using data** – graphs, pictograms, branching databases.  **Using the internet** – link to topic – how can this be used to help us research?  E-safety –safe searching  **Creating and publishing** – word processing (changing font, colour, adding images etc) saving and loading work | **Modelling and simulations** – exploring changing variables.  Communicating and collaborating online – looking at different ways messages can be sent. | **Communicating and collaboration** – continue to contribute to class email – incorporate postcards – write to Year 2 children in another school.  E-Safety – cyber-bullying, sharing personal information |
| Year Three | Using technology – to develop throughout the year – increase independence and confidence in using a range of devices.  Communicating and collaborating online – email- add ideas/shares stories. | | | | | |
| E-Safety – cont to develop awareness – esp photos online. Safe searching  Using the internet – develop key questions to search for specific info, use favourites toolbar – be able to describe process | Creating and publishing – more advance word processing features, produce collaborative presentation – create posters, leaflets etc  E-Safety – cyber-bullying | Using data – create graphs and charts | Using data – record sound levels etc using a sensor.  Digit media – sound, video, photographs | Modelling and simulations – build a game where rocks are the obstacles! | Programming and control – basic puzzles and quizzes – changing parameters. |
| Year Four | Using technology – to develop throughout the year – increase independence and confidence in using a range of devices. Make sensible choices.  Using the Internet – developed alongside all other subjects – how to search successfully.  Communicating and collaborating online – email- add ideas/shares stories – intro cc and bcc fields – understand all changes are visible. | | | | | |
| E-Safety  Creating and Publishing – create website based on topic  E-Safety- sharing images/videos | Programming and control – more complex instructions (on screen and floor turtles) | Digital media – animations with sound, record and edit video, continue to take photographs and download/edit.  E-Safety- sharing images/videos | Modelling and simulations – begin to represent 3d objects or items | Using data – plan and create own databases  E-Safety – cyber-bullying, sharing personal information | Creating and publishing – use more advanced presentation skills – include hyperlinks. Posters and leaflets  E-Safety – cyber-bullying |
| Year Five | Using technology – to develop throughout the year – increase independence and confidence in using a range of devices. Make sensible choices.  Using the Internet – developed alongside all other subjects – how to search successfully.  Communicating and collaborating online – email- add ideas/shares stories – intro cc and bcc fields – understand all changes are visible. | | | | | |
| E-Safety – online gaming/keep info secure.  Using data – spreadsheets – weather graphs | Using the internet –develop different strategies.  E-safety – safe searching | Creating and publishing – alternative presentation material. | Using data – develop from autumn 1. | Programming and control – understand and use codes. | Digital media – link to topic – video with music (crime and punishment)  E-Safety- sharing images/videos |
| Year Six | Using technology – to develop throughout the year – increase independence and confidence in using a range of devices. Make sensible choices.  Using the Internet – developed alongside all other subjects – how to search successfully.  Communicating and collaborating online – email- add ideas/shares stories – intro cc and bcc fields – understand all changes are visible. | | | | | |
| E-Safety – cyber-bullying– create booklet for different year groups.  Digital media – link to Herd Farm – using more complex effects. | Creating and publishing – create webpage/blog on school page – What are we achieving/celebrating in Year 6? | Communicating and collaborating online.  E-Safety- cyber-bullying, sharing personal information | Using data – develop from year 5 – begin to use formula – link to climate/weather. | Digital media – linked the still life – manipulate photographs to create piece of art.  E-Safety- sharing images/videos | Programming and control – develop use of visual based programming software (scratch/minecraft) |