|  |
| --- |
| Whitegate Computing CurriculumYear 4 |
| **Computer skills** |

|  |
| --- |
| * Make changes to their work.
* Consolidate keyboard skills.
* Highlight/select items.
* Use cut, copy and paste.
* Insert and format text boxes.
* **Use a range of ICT equipment and software independently.**
 |

 |
| **Research** | * Type in a URL to find a website.
* Add websites to favourites.
* Use a search engine to find a range of media, e.g. images and text.
* Understand Internet safety rules.
* **Think of search terms to use linked to questions they are finding the answers for.**
* **Talk about the reliability of information on the Internet e.g. the difference between fact and opinion.**
* **Use Internet safety rules.**
 |
| **Computer programming** | **Create and debug an algorithm:** * **To create a procedure.**
* **That uses setpos to draw shapes.**
* **With different colours.**
* **To write text.**
* **To draw arcs.**
* **Compare quizzes and decompose a problem into smaller parts.**
* **Write and debug a program.**
* **Write and debug a program.**
* **Use sequences and repetitions.**
* **Select appropriate visual block commands to create a sequence.**
 |
| **Word processing** | * Manipulating windows by viewing two at once.
* Create, organise, save and search for files and folders.
* Use the ‘shift’, ‘caps lock’ and ‘space’ correctly.
* Edit using ‘backspace’, ‘delete’, ‘arrow keys’ and ‘undo/redo.’
* Use the ‘change case button.’
* Align text left, centre, right or justified.
* Use ‘show all characters’ button.
* Use bullets and numbering.
* Use the ‘ctrl’ key.
* Insert and format text boxes.
* **Import graphics and use the Picture Toolbar to choose the text wrapping.**
* **Use the spell checker.**
* **Use Page Setup to choose Portrait or Landscape page as appropriate.**
* **Learn how to insert and use a simple table.**
* **Use the Zoom menu to view the whole page.**
* **Use word art.**
 |
| **Photo Stories** | * **Create the layout of a comic strip using photos in a desktop publisher.**
* **Edit and enhance photos and text for presentation.**
* **Arrange and layer objects, including titles and backgrounds.**
* **Add and arrange photos to a movie presentation with animation effects.**
* **Add an audio soundtrack and text captions to a photo sequence.**
* **Use final enhancements to turn a Movie Maker project into a finished movie file.**
 |
| **Animation** | * **Describe early forms of animation before computers and how computers have made a difference.**
* **Create a short computer animation using one or more moving stick figures.**
* **Create a recorded animation involving a number of moving characters on a background.**
* **Structure specific timing of animations using a time slider.**
* **Use a camera or iPad to create a short stop-motion animation film.**
* **Analyse and evaluate software.**
 |
| **E Safety** | * Identify personal information that should be kept private.
* Consider other people’s feelings on the Internet.
* Question the ‘validity’ of what they see on the Internet.
* Use a browser address bar not just search box and shortcuts.
* **Recognise social networking sites and their features which are built into other things (such as online games or games consoles.)**
* **Make judgements in order to stay safe, whilst communicating with others online.**
* **Tell an adult if anything worries them online.**
* **Identify dangers when presented with scenarios, social networking profiles, etc.**
* **Articulate examples of ‘good’ and ‘bad’ behaviour online.**
 |