**Wansbeck Primary School Progression in ICT**

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| **Year Group** | **Digital Literacy Knowledge and Skills** | | | | **E-Communication and Collaboration Skills and Knowledge** | | **Computer Science** | **Basic Skills** | **E-Safety** |
| **Programs to focus on:** | **Presenting Media** | **Documents, Word Processing and Publishing** | **Film Making/Art** | Internet – searching and researching | Communicating and Staying Safe |
| **KS1** | Puppet Pals  Pages  Publisher  Strip Designer  Pic Collage  Paint  Explain Everything (Y2 only) | **Year 1**  I can create a screen with a picture that animates.  I can add sound effects to an animated story.  **Year 2**  I can create a presentation about a topic and add pictures and text.  I can present work to the class from the presentation mode. | **Year 1**  I can begin to use knowledge about word processing to type text accurately.  I know how to type letters in lower case.  I am beginning to know how to type letters in capitals.  I am beginning to know how to use a shift key and caps lock.  I can use knowledge about pictures to add a picture to a document.  I know how to delete using the back space.  I know how to add a picture or clip art in a document.  I know how to change the font of a text.  I know how to insert a picture.  I know how to move a picture around the page.  I know how to use copy and paste.  **Year 2**  I can use word processing knowledge to type text more accurately and independently.  I can type letters in capitals.  I understand the use of a shift key and caps lock.  I know how to delete both ways using the back space and delete keys.  I know how to make a text, bold, italic and underline.  I know how to add and resize a text box.  I know how to move a text box around the page. | **Year 1**  I can use my knowledge to create a story e.g. puppet pals.  I can use my knowledge to create a piece of art using a computer/iPad program.  I know how to draw shapes in different colours to make a picture.  I know how to paint with different colours.  I know how to paint neatly using undo to correct mistakes.  **Year 2**  I know how to paint neatly using undo or the rubber to correct mistakes.  I know how to combine, rotate and resize photos in a collage. | **Year 1**  I can describe what information I can get from the Internet.  I can use facts found on a website for a purpose within work.  I know how to search using a given word and explain how to do it.  I know how to look at pictures and watch videos on a website.  I know how to scroll up and down to explore websites.  I know how to click on hyperlinks and that they take me to a different page.  I know how to scan QR codes.  **Year 2**  I can describe different uses of information technology beyond the school.  I can explain what digital communication is. | **Year 1**  I understand that a blog is web log.  With support, I know how to write a blog post.  With support, I know how to leave a comment on a blog post.  I know how to stay safe online.  I know not to talk to strangers online.  I know who to tell if anything I see or hear online is worrying me.  I understand that comments made online that are hurtful or offensive are the same as bullying.  **Year 2**  I understand that not everything you see online is true.  I understand online risks and the age rules for sites and apps.  I can write a blog post more independently but with some support.  I can comment on a blog post with more independence. | **Year 1**  I can write a simple program and test it.  I can predict what the outcome of a simple program will be.  **Year 2**  I can create games online.  I can use augmented reality when writing instructions. | **Year 1**  Switch on the computer  Log on  Open word  Write a sentence (with support)  Use the space bar  Use enter to start a new line  Know to left click to select  Use shift or caps lock to add a capital letter  Know how to delete a letter/word  **Year 2**  Write a short piece of text  Correct a mistake  Develop skills to use shift key for ? and !  Know to save, print and open documents (with support)  Use mouse/arrow keys to go back and add words  Write and send an email  Use bold/italics/underline to change text  Know how to copy and paste  Know how to change the font  Know how to add a picture and text box | **Year 1**  Know how to stay safe online  Know not to talk to strangers online  Know who to tell if anything you see or hear online upsets or worries them  **Year 2**  With support know how to write a blog post  With support know how to comment on a blog |

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| **Lower KS2** | Telligami  Videoscribe  iMovie  Powerpoint (Year 4 only)  Keynote  Word  Pages  Strip Designer  Publisher  Book Creator  Adobe spark | **Year 3**  I can create a presentation about a topic with pictures and text.  I can create scenes with pictures that animate.  I understand that presentation software is for presenting information.  **Year 4**  I can create a presentation, using PowerPoint, with pictures and texts.  I can present a slideshow using speaking and listening skills to present.  I can illustrate sentences with animated text and pictures.  I know how to add slides and change the layout.  I know how to insert images of clip art to a slide. | **Year 3**  I can use my developed knowledge to create a document which enhances the work presented.  I know how to undo and redo.  I know how to highlight text by left clicking and dragging.  I know how to change the appearance of fancy text.  I know how to rotate and resize any images.  I know how to delete a text, a text box or picture.  **Year 4**  I can choose the best software to use to present the document.  I can change font type, size of the font and colour of the font and know when to use these.  I can explain the choice of software to present the document. | **Year 3**  I can use the knowledge of film making to create a video of moving photographs.  I know how to put photos in order.  I know how to add music to a sequence of photos.  I know how to add text labels to photos.  I know how to add titles and photos into a movie.  **Year 4**  I can use the knowledge of film making to make short films.  I know how to put photos/videos in order.  I know how to add music to a sequence of photos/videos. | **Year 3**  I can describe what a URL is.  I can use knowledge of blogs to contribute to blogs that are moderated by teachers.  I can find out facts by navigating websites linked to the purpose of the task.  I know how to do a multiple word search on a search engine.  I know how to copy text/image from the Internet and put it into a document.  **Year 4**  I can compare websites checking facts.  I can comment independently on blogs by other people giving constructive feedback.  I know how to search the Internet identifying the most precise words. | **Year 3**  I understand that not everything I read online is true.  I understand that comments made online that are hurtful or offensive are the same as bullying.  I know what an avatar is and why they are used.  I know and can explain online hazards.  I can explain how to respond to online hazards safely.  I know how to open the blogs and post to my own groups.  **Year 4**  I can give examples of the risks posed by online communications.  I know how to comment independently on blogs by other people.  I know which social media platforms are for what age group and the associated hazard. | **Year 3**  I can write programs that accomplish specific goals.  I can design a sequence of instructions, including directional instructions.  I can make an accurate prediction and explain why they believe something will happen (linked to programming)  **Handle data using ICT:**  Create a chart to be used within my maths or science work.  **Year 4**  I can create an online game.  I am developing my understanding of how computers work.  I am developing a deeper understanding of programming.  **Handle data using ICT:**  I can create a graph to be used within my Maths or Science work. | **Year 3**  I can develop basic skills and speed of typing.  I can insert sentences into a passage.  I can change the font, size and colour of text.  I can read, reply and send emails.  I know how to undo and redo.  I can save and retrieve work.  I can introduce PowerPoint and create a short slide show.  I know how to add a slide.  **Year 4**  I can create a folder.  I understand the use of right click for more options.  I can rename a file or folder.  I understand the difference between save and save as.  I can delete, insert and replace text.  I can use spell check effectively. | **Year 3**  I know how to open blogs and post to my own blog.  I know how to comment on other blogs.  I know and can explain online hazards.  **Year 4**  I know how to go back a page on the internet.  I know how to open a new tab on the internet.  I can read and send emails.  I know how to search the internet identifying the most precise words. |
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| **Upper KS2** | Interactive presentation using a range of apps (app smashing) such as;  Telligami  Videoscribe  iMovie  Powerpoint  Keynote  Strip Designer  Publisher  Book Creator  Animation Desk  Adobe spark | **Year 5**  I ensure the content of the presentation is of the correct size for the audience to view.  I choose the most suitable application and device for the audience of the presentation.  I understand how the work is linked to audience and purpose.  I know how to add slide transitions.  I know how to add animation effects.  **Year 6**  I know how to trigger animations or link to other slides when objects are pressed.  I undertake creative projects that involve selecting, using and combining multiple applications, across a range of devices, to achieve goals.  I understand why published documents need to have a certain look depending on the audience and purpose. | **Year 5**  I ensure the content of the document is the correct size for the audience to view.  I know how to add a hyperlink to a presentation.  I know how to insert multiple text boxes and pictures onto a page.    I know how to correct spelling mistakes and choose an appropriate layout and colour scheme.  **Website Design:**  **I know how to put hyperlinks on images and embed content.**  **I know how to change the colours and fonts to create a theme.**  **Year 6**  I can choose the most suitable application and device for the audience and purpose of the document.  I know how to build a list by using bullet points.  I know how to change the text size and put borders around images.  I know how to align text left, right, centre and justify and know when these are used.  I know how to embed a video into a presentation.  **Website Design:**  **I know how to design web pages with text, images and hyperlinks.** | **Year 5**  I can choose the most suitable application and device to make a film.  I know how to add titles and photos in an animation.  I know how to edit a multimedia video (e.g. trim, reorder or change the style of content)  I know how to add text labels to photos/video.  I know how to add a voice over to a sequence of photos/videos.  **Year 6**  I can undertake creative projects that involve selecting, using and combining multiple applications, across a range of devices, to achieve goals.  I know how to put sounds over an animation. | **Year 5**  I can use an Internet search engine to find relevant facts.  I can independently blog work.  I know how to book mark a web page as a favourite.  I know how to make a QR code to use for a purpose.  **Year 6**  I can filter search results to fit the purpose of the task the search is needed for.  I know how to filer search results (e.g. to find different types of media)  I can collaborate with others online on sites approved and moderated by teachers.  I know how to change profile settings.  I can evaluate the usefulness of search results with consideration to plagiarism. | **Year 5**  I understand the effect of online comments and show responsibility and sensitivity when online.  I know why passwords are needed.  I know why some sites have age restrictions and know sites that are safe for children to join.  **Year 6**  I understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission, from the copyright holder.  I know the difference between a strong and weak password and can explain the features of a strong password.  I know how to minimise risk and report problems. | **Year 5**  I can write programs that accomplish specific goals.  I can design a sequence of instructions, including directional instructions.  I can make an accurate prediction and explain why they believe something will happen (linked to programming)  I can use technology to control an external device.  I can develop an understanding of how to create a website.  I can design algorithms that use repetition.  I know how to identify specific variable.  I know how to create a program with repetition.  I know how to develop a program with identified variables.  I know and explain using logical reasoning to how some simple algorithms work.  **Handle data using ICT:**  I am beginning to use a data handling programme to present data online.  I know how to change the appearance of cells (e.g. size, borders and colours)  I know how to use simple formula in a cell.  I know how to draw a graph to represent spreadsheet data.  **Year 6**  I can create an online game.  I know how to combine more than one attribute to write a program.  I know how to set IF conditions for movements. Specify types of rotation giving the number of degrees.  I am developing my understanding of how computers work.  I am developing a deeper understanding of programming.  I can write a programme that combines more than one attribute.  I can design algorithms that use repetition and 2 way selection.  I can create and plan an app.  I can develop a deep understanding of programming.  I can create a ‘how to’ guide online with step by step algorithms.  I can develop a program that has specific variable.  **Handle data using ICT:**  I can use a data handling programme to present data.  I know how to change the format of cells appropriately. | **Year 5**  I understand how to format text.  I can cut, paste and crop images from different sources.  I can adapt layout and alignment of text.  I can integrate text, pictures into PowerPoint.  I can add attachments onto emails.  I can use the shift button to add symbols (number buttons)  I can use an apostrophe in writing.  I know how to highlight text in a document.  I can add a border.  I can print a document using specifics e.g. certain pages.  **Year 6**  I can create a presentation for an audience choosing the best program.  I can add links to documents/PowerPoints.  I can add effects to PowerPoints e.g. change the background, add sound effects.  I know how to do slide transitions and trigger animations.  I can increase speed of typing.  I can insert bullet points | **Year 5**  I know why passwords are needed.  I know why some sites have age restrictions.  I know how to minimise risks and report problems.  **Year 6**  I know the difference between strong and weak passwords.  I know which sites that are safe for children to join. |