

How can you support your year 1 child in ICT?

The different strands we teach are:

Multimedia: Combine text, data, graphics, video and sound
Digital Imagery: Creating and manipulating digital imagery , animation and video
Sound and Music: Recording, creating and manipulating music and sound
Communicating and Publishing: E-safety, electronic communication and using web2.0
Finding Things out: Research using electronic data and the Internet
Finding Things out: Collecting, using, manipulating, presenting and interpreting data

Strand and the objectives that are covered over the year	How can you help your child with this?
<p>Multimedia</p> <ul style="list-style-type: none"> To understand that multimedia includes sound, text and graphics To understand that ICT can be used to communicate ideas To be able to use text, images and sound to communicate ideas To understand that text comes in different colours, sizes and styles To talk about how ICT has been used 	<ul style="list-style-type: none"> Talk to your child about the different keys on the keyboard – do they know what the space bar key is for? How to start a new line? Practice saving and opening work with them Use the mouse to insert a word in the middle of a sentence
<p>Digital Imagery</p> <ul style="list-style-type: none"> To enable children to explore a variety of tools in a graphics package to communicate an idea To enable children to understand the difference between a graphics package and paper based art activities To understand there are a variety of tools in a graphics package and they each have a different purpose To understand digital still or video camera can capture an image to share, store and retrieve To understand the need to frame an image 	<ul style="list-style-type: none"> Download the free painting program tux paint from http://www.tuxpaint.org/download/ to use at home If you have a digital camera at home let your child play with it and take pictures, show them how to put them onto the computer

<p>or scene and keep the camera still</p> <ul style="list-style-type: none"> To begin to understand that some packages will enable images to be animated. 	
<p>Music and Sound</p> <ul style="list-style-type: none"> To know they can explore sound and music in ICT using keyboards and onscreen music software To know they can record sound using ICT that can be stored and played back To understand that they can use software to change the musical phrases they create To locate, listen to, play and begin to record sounds 	<ul style="list-style-type: none"> Use devices that record sound like a tape machine and explore together the pause, play and record buttons Let them record their voice and listen back to it e.g. with a karaoke machine Look at talking books together
<p>Communicating and Publishing – Electronic Communications</p> <ul style="list-style-type: none"> To start to understand that messages can be sent electronically over distances To understand that email can be used to send messages electronically and people can reply to emails Understand that many different people can communicate and publish on the Internet Understand that contributions can be in pictures, sound, video and text. <p>E-Safety</p> <ul style="list-style-type: none"> To understand the schools e-safety policy appropriate to their age Understand passwords are used to log in and why these should be kept private Understand they have to log in to the learning platform / school network to see a home page and other resources To know how to respond to inappropriate / upsetting content found on the Internet. 	<ul style="list-style-type: none"> Look at the E-Safety section of the VLE together and discuss the KS1 E-Safety rules to make sure they understand them Show them how you use your email address to send emails, talk about why you use emails rather than letters
<p>Finding Things Out: Research</p> <ul style="list-style-type: none"> To understand that information comes from different sources e.g. books, web sites, TV etc To understand that ICT can give access quickly to a wide variety of resources Talk about their use of ICT and the Internet and other methods to find information To be able to explore a variety of electronic information as part of a given topic To know buttons/icons can represent different functions e.g. record, pause, play To have an awareness of school rules on 	<ul style="list-style-type: none"> Discuss with them how you can find information from different places e.g. using CD players, web sites, TV, video, DVD etc. Show them how to use a search engine like www.google.co.uk to find a website they like for example CBeebies Talk with them about why they should only be search engines under supervision because sometimes they might find things that they don't like

Internet safety.	
<p>Finding Things Out: Handling Data</p> <ul style="list-style-type: none"> • To use ICT to simply sort, organise and classify objects based on their properties • To explore an ICT pictogram package to illustrate prior practical learning and aid presentation • To talk about how they use ICT in relation to sorting and classifying. Begin to recognise that ICT allows quick changes • Recognise that there is a connection between data collected in class (verbally, tally etc) and the information presented on screen. 	<ul style="list-style-type: none"> • Use free software like http://www.handygraph.com/download.php (30 day free trial) to make graphs • Use interactive websites like www.crickweb.co.uk/ks1numeracy.html • and www.bbc.co.uk/schools/ks1bitesize/numeracy/ • and http://www.woodlands-junior.kent.sch.uk/maths/index.html