

Skills to be taught cross-curricularly from September 2014

Years 3 & 4

Researching and Communicating

Using a Computer

I can transfer files from external sources to the computer e.g. digital cameras, USB pen drives

I can explain the difference between storing a file locally or on the Internet

I can explain the difference private and shared files

Researching

I can use a search engine to find information

I can search for pictures and videos

Using Maps

I can create my own map with annotated points of interest

Possible Software Choices

- Google Earth (free but needs downloading)
- Google/Bing maps

Presenting Research

I can decide on the best way of collecting my information e.g. a mind-map

Possible Software Choices

- Office products
- Google Drive
- Purple Mash – 2Publish and 2Publish Extra

Communicating Online - Come back to

I can write an email to a group of people

I can send attachments

I can leave a constructive comment on a blogpost

I can write a blogpost

Digital Literacy

Data Handling

I can add data to a Venn Diagram

I can label and annotate my graphs and diagrams

I can input information into a survey to collect data

Possible Software Choices

- Purple Mash - 2Graph
- Furbles (<http://www.ptolemy.co.uk/furbles03>)
- Excel/Numbers
- Google Drive
- Typeform (www.typeform.com)

Databases

I can design a database containing a number of records

I can sort records into groups to answer questions

Possible Software Choices

- Purple Mash - 2investigate

Spreadsheets

I can add data to an existing spreadsheet and explain what is happening

I can use + - * / formulae

I can change the properties of a cell e.g. colour or border

Possible Software Choices

- Excel/Numbers

Using Text and Graphics

Creating Images

I can re-order parts of my picture and understand layers

Possible Software Choices

- Purple Mash – 2Paint
- Google Drive
- Pencil Madness (<http://pencilmadness.com/>)
- Flockdraw *Collaborative* (<http://flockdraw.com/>)
- Sketchpad (<http://mudcu.be/sketchpad/>)
- Canvastic (<http://canvastic.net/net.html>)

Mindmapping

I can create text boxes

Possible Software Choices

- Popplet (<http://popplet.com/>)
- Mindomo (<http://www.mindomo.com/>)
- Spiderscribe (<https://www.spiderscribe.net/>)

Typing

I can type using two hands

I can type words quickly

Possible Software Choices

- Dance Mat Typing (<http://www.bbc.co.uk/schools/typing/>)
- Purple Mash – 2Type

Desktop Publishing

I can insert, rotate and resize images on my page

I can check spellings

Possible Software Choices

- Office products
- Google Docs
- Purple Mash – 2Publish and 2Publish Extra

Word Collages

I can combine text to create a simple collage

I can change the font colour and style

I can add emphasis by enlarging certain words

Possible Software Choices

- Wordle (<http://www.wordle.net/>)
- Tagxedo (<http://www.tagxedo.com/app.html>)

Photography

I can delete photos that I no longer need

I can transfer my photos to the computer

Photo Collages

I can combine similar photos into a collage

Possible Software Choices

- Collage Maker (<http://www.koalacollagemaker.com/create/>)
- Picasa (free to download - <http://picasa.google.com/>)
- Photovisi (<http://www.photovisi.com/>)

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Based on a work the original work of Ian Addison (<http://www.ictplanning.co.uk/other/assessment/>)



Using Multimedia

Animation

I can draw a storyboard to plan my film

I can create a film with multiple characters

Possible Software Choices

- JellyCam (needs downloading but is free – www.ticklypictures.com)
- Aniboom (<http://www.aniboom.com/ShapeshifterAnimachine.aspx>)
- Pivot Stickfigure (<http://pivotanimator.net/>)
- GoAnimate (www.goanimate.com/)

Multimedia Video

I can delete unwanted videos from the camera

I can upload photos to create a slideshow

I can add titles and credits to my video

I can add a soundtrack to my video

Possible Software Choices

- Animoto (<http://www.animoto.com/>)
- Photopeach (<http://photopeach.com/>)
- iPhoto
- Wax 2.0 (needs downloading but is free)

Composing Music

I can organise sounds to create and compose music

I can adjust the tempo and volume

Possible Software Choices

- Isle of Tune (www.isleoftune.com)
- Garage Band
- Soundation (<http://soundation.com/studio>)

Editing Audio

I can import my recorded audio on to the computer

I can edit my audio by trimming the start and end

Possible Software Choices

- Audacity (needs downloading but is free)
- iMovie
- Audioboo (<https://audioboo.fm/>)



Presentations

I can create a presentation with multiple pages containing text and images

I can produce notes to help with my presentation

I can talk about the features of a good presentation

Possible Software Choices

- Prezi (www.prezi.com)
- Slidebean (www.slidebean.com)
- Google Drive
- Powtoons (www.powtoons.com)
- Smart Notebook

E-Books

I can combine text and graphics to make an ebook

I can use appropriate graphics for my ebook

Possible Software Choices

- Storybird (www.storybird.com)
- Zooburst (www.zooburst.com)
- Storyjumper (www.storyjumper.com)
- PurpleMash - 2Create a Story

