

# Skills to be taught cross-curricularly from September 2014

## Years 5 & 6

### Researching and Communicating

#### Researching

I can use TASK (Title, Author, Summary, Kids) to evaluate a webpage is reliable.

I can give reasons why I think a website is a reliable source.

I can choose appropriate keywords for an Internet search

I can rearrange or rewrite queries to vary my results

I can use advanced search features to create specific searches

I can identify the difference between the search bar and the URL bar

#### Presenting Research

I can discuss ways to present my research to an audience e.g. as an e-book.

I can include simple references to show where to show where I got my information from

#### Possible Software Choices

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

#### Using Maps

I can use additional tools such as Ordnance Survey maps or measuring tool

#### Possible Software Choices

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

#### Communicating Online

I can explain the difference between CC and BCC

## Digital Literacy

### Data Handling

I can create a survey to collect data.

#### Possible Software Choices

- Google Drive
- Typeform ([www.typeform.com](http://www.typeform.com))

### Databases

I can sort data using two different criteria

#### Possible Software Choices

- Purple Mash – 2Investigate

### Spreadsheets

I can create a survey to collect data.

I can create a graph of my data.

I can alter the format of the cells e.g. currency or number.

I can fill down to replicate properties of a cell

#### Possible Software Choices

- Excel/Numbers
- Google Drive
- Typeform ([www.typeform.com](http://www.typeform.com))

### 3D Modelling

I can use templates to help me create 3D models.

I can amend templates to alter a 3D model.

I can alter the features of a model e.g the size.

I can measure the dimensions of a model.

#### Possible Software Choices

- Sketchup
- Purple Mash – 2Design and Make

## Using Text and Graphics

### Creating Images

I can create a green-screen style image.

#### Possible Software Choices

- Photobooth
- iMovie

## Mind-Mapping

I can connect boxes together (or colour code them) to show that the contents are linked

### Possible Software Choices

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

## Typing

I can type without looking at my hands

I can use keyboard shortcuts to perform certain tasks.

### Possible Software Choices

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

## Desktop Publishing

I can create a table e.g. to collect results.

I can ensure that my page has a consistent design and layout.

### Possible Software Choices

- SMART notebook
- Office
- Google Drive

## Photography

I can edit my image by cropping it or adding effects.

I can talk about photo size and resolution and need to resize some photographs.

### Possible Software Choices

- iPhoto

## Photo collages

I can crop and edit photos to improve them,

I can edit the layout of my collage.

I can combine images to create a panoramic image.

### Possible Software Choices

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

## Using Multimedia

### Multimedia Video

I can combine a number of videos together.  
 I can create a video using green-screen effects.  
 I can combine music samples to create my own piece.  
 I can play a tune using a virtual instrument.

#### Possible Software Choices

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

### Editing Audio

I can apply sound effects to alter the sound of the audio.  
 I can include multiple tracks to enhance the audio  
 I can upload my audio online e.g. for a blog or website.

#### Possible Software Choices

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

### Presentations

I can share work with others on a shared presentation.  
 I can keep a consistent design throughout my presentation.  
 I can create a presentation for different audiences.  
 I can show awareness for my audience and create an interesting presentation

#### Possible Software Choices

- Prezi ([www.prezi.com](http://www.prezi.com))
- Slidebean ([www.slidebean.com](http://www.slidebean.com))
- Google Drive
- Powtoons ([www.powtoons.com](http://www.powtoons.com))
- Smart Notebook

### E-Books

I can narrate my book.  
 I can create a book with a consistent design throughout.

#### Possible Software Choices

- Storybird ([www.storybird.com](http://www.storybird.com))
- Zooburst ([www.zooburst.com](http://www.zooburst.com))
- Storyjumper ([www.storyjumper.com](http://www.storyjumper.com))
- PurpleMash - 2Create a Story

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