Coley Primary School – Knowledge Organiser

SUBJECT FOCUS:	Computing: digital media	YEAR	4

Prior learning: creating multi-slide Powerpoints (Y2); choosing backgrounds/ themes; inserting and formatting text; inserting images; (Y2) collecting data from thermometers and creating graphs

Links: oracy / history (Powerpoint) science/ maths (data logging)

Key knowledge

Powerpoint
Powerpoint helps you to create presentations to provide information about a topic. They are often used alongside a talk and help people to understand through images and extra information.

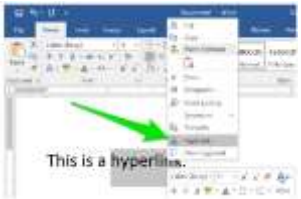
Top tips

- ✓ Plan carefully—have an idea of exactly what you want to include before you begin creating.
- ✓ Do your research—make sure you have all your facts correct.
- ✓ Remember that your text, images and links are most important – focus on these first

Slide transitions are the effects that occur when you move from one slide to the next during an on-screen presentation. You have many options for controlling the effects of the slide transition animation in PowerPoint. For example, you can often set the speed and direction of many transition animations.



Hyperlinks can also be known as a link or web link. Hyperlinks are icons, graphics or texts in a document that links to another file or object.



Vocabulary

presentation - a collection of individual slides that contain information on a topic.

slide – a single screen in a presentation

transition – the change from one image in a slide show to the next.

hyperlink – also known as a link or web link, a hyperlink is an icon, graphic or text in a document that links to another file or object.

data logger - a device that records data over time. This could be temperature, light, noise, heart rate.

data – information, usually in numbers

sensor – a device that detects, or senses, an input

Data logging

To be completed once data loggers are purchased

Can you …?

Create Powerpoint presentations which include hyperlinks and slide transitions

Work effectively in pairs, discussing options and sharing tasks

To be completed once data loggers are purchased

Possible experiences

Green task to assess skills / Already know, would like to know activity on Powerpoint

Create a presentation to retell the main events in a class novel

Give a talk about an aspect of your history topic using a Powerpoint presentation to support

Presentation skills refresher
https://www.twinkl.co.uk/resource/tp2-i-179-planit-computing-year-3-presentation-skills-unit-pack

Inserting hyperlinks
https://www.youtube.com/watch?v=kqfaFzlz2kA

Monitor and log sounds in different areas of school: create a 'noise level' map

Choose a location and monitor how sound levels change throughout the day. Show this using charts and graphs.

Further ideas
http://www.technologytoteach.co.uk/wpsystem/wp-content/uploads/Maggie%E2%80%99s-Corner-APRIL-original.pdf