



The Mall School

Curriculum Guide

Computing – Autumn

Year 5

Teachers: Ms Susan Warrington
Lessons: 1 x 80min
Homework: N/A

Introduction:

National Curriculum Program of Study

Code-It Primary Programming – **Network, Internet & Web Search Planning**, P. Bagge

<http://www.w2tw.uk/>

Pupils will learn about computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration. Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content. Digital Citizenship Module

1. How an Internet Search Works
- use search technologies effectively; appreciate how results are selected and ranked; , and be discerning in valuating digital content
2. School computer network
Computer networks including the internet; how they can provide multiple services such as the world wide web; and the opportunities they offer for communication and collaboration.
3. Connect to the Internet
To understand how the Internet connects into the home and how a web page is accessed across the Internet.
4. Learning about 'Packets'
To model how internet packets travel across the world via routers.
5. Tracing the Internet
To see how the Internet connects across the world; To see how the same route can take a different number of routers as the Internet directs packets along different routes; To see the approximate location of some famous websites.
6. Linking the World Wide Web
To understand that the web is not linear and that writing for the web means you have to take that into account.
7. Digital Citizenship
Importance of keeping passwords to ourselves; To encourage pupils to keep online information private; looks To look at the difference between communication that has sound and verbal context and that which doesn't; To look at how we use images through various situations that children may encounter; To understand the etiquette involved in their use and what to do if they are bullied using these devices is important.

Resources:

All boys must bring their ICT/Computer Studies folder to each lesson:

Pencil, Rubber, Pencil Sharpener, 30cm Ruler, Colouring Pencils, Highlighter Pens, Glue Stick.