



Computing Topic: Online Safety and Concept Maps.

Year: 5 Term: Autumn 2

Key Knowledge/Content Online Safety:

- To gain a greater understanding of the impact that sharing digital content can have.
- To review sources of support when using technology and children’s responsibility to one another in their online behaviour.
- To know how to maintain secure passwords.

Key Knowledge/Content Concept Maps:

- To understand the need for visual representation when generating and discussing complex ideas.
- To understand the uses of a 'concept map'.
- To understand and use the correct vocabulary when creating a concept map.
- To create a concept map.

Links to:

Prior learning:

To explore online safety and how to protect themselves online.

Future learning:

To explore blogging and word processing.

Key vocabulary with definition: Online Safety

New Vocabulary:

- Citation -Making reference to the original source of a piece of information quotation or image.
- Communication -A way of exchanging information for example, email, blogs, speaking, writing.
- Copyright - When the rights to something belong to a specific person.
- Encrypt - The translation of data into a secret code to achieve data security.
- Identity theft -When someone pretends to be another person online. It can be done for financial gain or to steal others’ private information.

Prior Vocabulary:

- Personal information- identifying information about yourself such as name address or phone number.

Key vocabulary with definition: Concept Maps:

New Vocabulary:

- Concept Map -A tool for organising and representing knowledge. They form a web of ideas which are all interconnected.
- Concept -An idea in the form of a question.
- Collaborate -Participating in an activity with more than one person working together.
- Story Mode -A way to use a 2Connect concept map to create a piece of text.
- Node -A way to represent concepts or ideas. Can contain text and/or an image.

By the end of this unit

All children can: demonstrate an understanding of their responsibility to others as well as themselves when communicating and sharing content online and **know** what to do if they're upset by content online.

Most children can: demonstrate an understanding of what SMART rules are and how they should be applied when using technology safely and respectfully.

Some children: contribute to demonstrate a growing awareness of the context of communication and ability to view the communication from the Internet.

Background understanding for teachers and parents:

This online safety unit gives children a greater depth understanding of communicating with people online and the important of not sharing inappropriate content. It teaches then how to safely use the Internet while being respectful to themselves and others.

Curriculum Driver (one):

Communication

Evidence outcome:

To be able to communicate effectively online and respect themselves and others.