

Year 3 – Term 6

Should humans interfere with nature?

COMPUTING



National Curriculum Links

Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Understand 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.

Essential Prior Learning

Be able to log onto the computer using school login details: children don't need to be able to remember these.

Recognise and use basic keyboard functions, e.g. shift, enter and delete keys.

Have mouse control in order to select and use the left and right click buttons.

Be able to save work, log off and shut down appropriately.

Progression in Skill

Use a range of programs on a computer.

Collect and present information.

Search for information within a single site.

Understand that search engines select pages according to key words found in the content

Online Safety

Use digital technology safely and show respect for others when working alone.

Recognise unacceptable behaviour when using digital technology.

Know who to talk to about concerns and inappropriate behaviour in school.

Decide whether a web page is relevant for a given purpose or question.

Long-term Memory Knowledge

Know how to use more than one program on a computer.

Use the computer to collect and present information.

Find relevant information within a given website.

Talk about and demonstrate how to use digital technology safely.

Know who to talk to when concerned about inappropriate behaviour in school.

Make decisions as to whether a particular web page is relevant for the intended purpose.

Key Vocabulary

search	to look through very carefully in order to find something
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evaluate	judging the quality, value or relevance of something you've done or found
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analyse	the process of breaking a complex topic or substance into
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	smaller parts to gain a better understanding of it.
software	a set of instructions that tells the computer hardware how to perform a specific task
navigation bar	usually a word or phrase on a website that allows the user to move between different pages on the same website

Progression in Resources

Pre-selected websites that contain the information and features the children need to use and be aware of.

Google Forms and Google Slides.

Relevance

Now	Children know how to navigate a website, using navigation bars and menus to find the most useful information.
Future	As adults, children are able to use computers with confidence to support their everyday lives; they can use the functions of website to quickly find the information they need.
Aspiration	As adults, children use computers for data analysis in their careers; they may consider a career in website design or build their own for social use.