

End of Year Expectations for Computing – Year 3



Finding, collecting, storing, organising and interpreting information-

By the end of Year 3:

- I can suggest some advantages of using technology to organise data.
- I can search a ready-made database to answer questions.
- I can use different tools to find what I want, including filtering, searching and sorting information.
- I can add to a database.
- I can organise information to help me explain what I have found out, using graphs, charts and tables.
- I take care when typing in a URL and can explain why this is important.
- I can make statements about the results of a survey and present the data in different ways.

Presenting ideas and expressing creativity through digital technology-

By the end of Year 3:

- I use technical vocabulary to explain how people use technology to present their ideas and be creative e.g. multimedia, animation, transitions, wiki, apps etc.
- I can type using both hands.
- I can select text and images from other sources, crediting them as appropriate.
- I can independently use a range of devices to take photographs, and to record sound and movies.
- I use a range of applications to present my ideas including the use of online tools.
E.g. Wordle
- I can download photographs, sound and movie files onto the computer.
- I can find folders on the school network and save and retrieve files.
- I can use tools to manipulate and edit text in a range of applications to enhance the meaning of the text or improve clarity and I can explain why I have presented my ideas in this way.
- I use tools to help me check my writing e.g. spellcheck and find and replace.
- I can organise a page of information to present it more clearly for my audience.
- I can create or adapt images for a purpose using the basic tools in a range of applications e.g. graphics, graphical modelling, image manipulation and design packages.
- I can create movies, and animations using different techniques including stop frame animation.
- I can edit and combine text, images and movie files to create a finished movie.
- I use and combine a range of media to present my ideas e.g. text, images, sound and movie files.

Communicating and sharing ideas using digital technology-

By the end of Year 3:

- I can give examples of different ways of communicating/collaborating using technology and through traditional methods, and suggest when these might be appropriate.
- I have used technology to communicate for different purposes e.g. messaging my school friends, asking for information from an expert, contributing to a wiki or blog.
- have created a resource that helps others use communication technology safely.
- I can add media to my posts or messages where appropriate e.g. by uploading media, pictures and weblinks or by attaching document.
- I have created a resource that helps others use communication technology safely.

Computer Science-

By the end of Year 3:

- I can put programming commands into a sequence to achieve specific outcomes.
- I can test my program and debug it when necessary.
- I can use repeat commands.
- I can describe an algorithm that could result in unsuccessful programming.
- I can detect a problem in an algorithm that could result in unsuccessful programming.
- I can plan in steps an open-ended problem into smaller parts to create a successful program.

E-Safety-

By the end of Year 3:

- I know what to do at school and out of school if I find something that makes me feel uncomfortable when using technology.
- I know to keep my passwords and usernames private and to log off the computer when I have finished my work.
- I understand that copying more than a small amount of text is poor practice.
- I understand that files created and stored on a computer can be changed and these changes are sometimes meant to mislead us.
- I know not everyone is who they might say they are on the internet.
- I can protect my personal information when I do things on line.
- I ask an adult before I download files and games from the internet.
- I can post positive comments on line.
- I know that some things on the internet are not suitable for children.
- I only use search engines that are suitable for children.
- I do not open emails or messages or accept friend invitations from people I do not know.
- I only have people I know well and trust as my friends online.