

Technology in our lives

Year 3

- I can save and retrieve work on the Internet, the school network or my own device.
- I can talk about the parts of a computer.
- I can tell you ways to communicate with others online.
- I can describe the World Wide Web as the part of the Internet that contains websites.
- I can use search tools to find and use an appropriate website.
- I think about whether I can use images that I find online in my own work.

Year 4

- I can use photos, video and sound to create an atmosphere when presenting to different audiences.
- I am confident to explore new media to extend what I can achieve.
- I can change the appearance of text to increase its effectiveness.
- I can create, modify and present documents for a particular purpose.
- I can use a keyboard confidently and make use of a spellchecker to write and review my work.
- I can use an appropriate tool to share my work and collaborate online.
- I can give constructive feedback to my friends to help them improve their work and refine my own work.

E-safety

Year 3

- I can talk about what makes a secure password and why they are important.
- I can protect my personal information when I do different things online.
- I can use the safety features of websites as well as reporting concerns to an adult.
- I can recognise websites and games appropriate for my age.
- I can make good choices about how long I spend online.
- I ask an adult before downloading files and games from the Internet.
- I can post positive comments online.

Year 4

- I choose a secure password when I am using a website.
- I can talk about the ways I can protect myself and my friends from harm online.
- I use the safety features of websites as well as reporting concerns to an adult.
- I know that anything I post online can be seen by others.
- I choose websites and games that are appropriate for my age.
- I can help my friends make good choices about the time they spend online.
- I can talk about why I need to ask a trusted adult before downloading files and games from the Internet.
- I comment positively and respectfully online.

Multimedia

Year 3

- I can create different effects with different technology tools.
 - I can combine a mixture of text, graphics and sound to share my ideas and learning.
 - I can use appropriate keyboard commands to amend text on my device, including making use of a spellchecker.
 - I can evaluate my work and improve its effectiveness.
- I can use an appropriate tool to share my work online.

Programming

Year 3

- I can break an open-ended problem up into smaller parts.
- I can put programming commands into a sequence to achieve a specific outcome.
- I keep testing my program and can recognise when I need to debug it.
- I can use repeat commands.
- I can describe the algorithm I will need for a simple task.
- I can detect a problem in an algorithm which could result in unsuccessful programming.

Handling Data

Year 3

- I can talk about the different ways data can be organised.
- I can search a ready-made database to answer questions.
- I can collect data help me answer a question.
- I can add to a database.
- I can make a branching database.
- I can use a data logger to monitor changes and can talk about the information collected.

Year 4

- I can organise data in different ways.
 - I can collect data and identify where it could be inaccurate.
 - I can plan, create and search a database to answer questions.
 - I can choose the best way to present data to my friends.
- I can use a data logger to record and share my readings with my friends.

Programming

Year 4

- I can use logical thinking to solve an open-ended problem by breaking it up into smaller parts.
- I can use an efficient procedure to simplify a program.
- I can use a sensor to detect a change which can select an action within my program.
- I know that I need to keep testing my program while I am putting it together.
- I can use a variety of tools to create a program.
- I can recognise an error in a program and debug it.
- I recognise that an algorithm will help me to sequence more complex programs.
- I recognise that using algorithms will also help solve problems in other learning such as Maths, Science and Design and Technology.

LKS2

Computing