



Pollen-8

Computing

Year 1



Well done Sehr gut Bon travail Da iawn

I can ...

I can use simple software to create and save a piece of digital art or a document. (M) (T)

I can use a computer mouse or touchpad to click and select objects on the screen. (M) (T)

I can describe the basic parts of a computer, such as the monitor, keyboard, and mouse. (M) (T)

I can identify and name common computer peripherals like a printer or scanner. (M) (T)

I can follow simple on-screen instructions to complete a basic task or game. (M) (T)

I can use a keyboard to type my name and simple sentences. (M) (T)

I can understand and use basic terms like "click," "double-click," and "drag and drop" when working with a computer. (M) (T)

I can identify common icons and symbols used in computer programs. (M) (T)

Our Deeper Questions

What can we learn from comparing different places?

What does this teach us about what makes people special?

What can we learn about being healthy and safe?

What can we create or invent to celebrate other cultures?

How can we look after our world and the people in it?



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Computing

Year 2



Well done Sehr gut Bon travail Da iawn

I can ...

I can use a word processing program to create and format simple documents. (M) (T)

I can use a simple drawing program to create digital art. (M) (T)

I can save and retrieve files from different locations on a computer. (M) (T)

I can describe the difference between hardware and software. (M) (T)

I can explain what a computer network is and how it connects devices. (M) (T)

I can use a web browser to access age-appropriate online resources and websites. (M) (T)

I can identify the importance of online safety and describe how to keep personal information private. (M) (T)

I can use a search engine to find information on the internet. (M) (T)

Our Deeper Questions

What can we learn from listening to different opinions?

What does this teach us about justice or fairness?

What can we learn about the skills of people and animals?

What can create or invent to help wildlife in our locality and the UK?

How can we look after people and things, who may need our protection?



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Computing

Year 3



Well done Sehr gut Bon travail Da iawn

I can ...

I can use basic coding concepts to create simple programs or animations.

M P T

I can describe how data is stored and organised on a computer.

M P T

I can understand the concept of algorithms and follow a sequence of instructions.

M P T

I can use a simple spreadsheet program to input and organise data.

M P T

I can explain the importance of backing up digital work and data.

M P T

I can identify and describe different input and output devices.

M P T

I can recognise and avoid common online risks and understand the importance of online etiquette.

M P T

I can use a variety of software tools to edit and enhance digital content.

M P T

Our Deeper Questions

What can we learn from discussing different people's beliefs?

What does this teach us about differences and people's rights?

What can we learn about using nature carefully?

What can we create using natural materials?

How can we create a good community?



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Computing

Year 4



Well done Sehr gut Bon travail Da iawn

I can ...

I can describe how computer networks function and understand the internet's global nature. **M P T**

I can write and debug simple programs using a block-based coding language. **M P T**

I can create and organize files and folders on a computer or network. **M P T**

I can use spreadsheets to analyse and visualise data. **M P T**

I can discuss the impact of technology on society and everyday life. **M P T**

I can understand basic principles of online safety, including password security and responsible online behaviour. **M P T**

I can identify and explain different types of software applications and their uses. **M P T**

I can evaluate online information for reliability and credibility. **M P T**

Our Deeper Questions

What can we learn from analysing different people's work?

What does this teach us about respect or equality?

What can we learn about sustainability and being less wasteful?

What can we create or invent to help improve our health?

How can we look after the well-being of the community?



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Computing

Year 5



Well done Sehr gut Bon travail Da iawn

I can ...

I can write and debug more complex programs using a block-based or text-based coding language.
M P T

I can understand and explain the concept of algorithms and how they are used in program development.
M P T

I can create and edit multimedia presentations, combining text, images, and sound.
M P T

I can explain how data is transmitted across computer networks and the role of protocols.
M P T

I can use advanced search strategies to find information online.
M P T

I can demonstrate knowledge of online privacy, including consent and the use of personal data.
M P T

I can identify and discuss the impact of emerging technologies such as artificial intelligence and automation.
M P T

I can evaluate the environmental impact of digital technologies and consider sustainability in digital practices.
M P T

Our Deeper Questions

What can we learn from inspirational people?

What does this teach us about courage or resilience?

What can we learn about being inclusive?

What can we create or invent to improve our school?

How can we become better leaders and helpers?



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Computing

Year 6



Well done Sehr gut Bon travail Da iawn

I can ...

I can design and create effective digital presentations and documents for an audience. (M) (P) (T)

I can program more complex algorithms using a text-based coding language. (M) (P) (T)

I can apply computational thinking to solve real-world problems. (M) (P) (T)

I can explain the principles of data security, encryption, and data protection. (M) (P) (T)

I can critically evaluate and use a wide range of online resources for research and learning. (M) (P) (T)

I can discuss the ethical and social implications of technology, including cyberbullying and digital citizenship. (M) (P) (T)

I can understand the principles of computer hardware, including the CPU, memory, and storage. (M) (P) (T)

I can collaborate with peers on digital projects, sharing and editing documents in real-time. (M) (P) (T)

Our Deeper Questions

What can we learn from the past to make the future better?

What does this teach us about diversity, inequality or bias?

What can we learn about standing up for what we believe?

What can we create or invent to cut down on waste or help the environment?

How can we make a positive change in the world?