

Key Vocabulary

Algorithm

Debug

Programme

Network

Input/Output

Search engine

Sequence



Forest School

Give clear instructions to a blindfolded friend to navigate around FS.

Research different wild birds we would see in FS using a search engine.

Therapy (SALT/OT)

Controlling the mouse with one hand

Using communication aids to make requests or comments

Programming

- Have knowledge and experience of using a range of different inputs and outputs.
- Describe some of components of a computer network and some of the ways in which computer networks can be used.
- Design and write more complex algorithms and programs using sequence, repetition and selection.
- Have a simple understanding of how search engines work.
- Develop their understanding of inputs and outputs further, demonstrating how they can use programs to control external devices such as sensors, motors and robots.
- Understand the difference between the internet and World Wide Web.

Problem Solving

- Plan and write algorithms and programs using sequence and repetition and further develop their computational thinking strategies to solve problems and errors in their algorithms and programs.
- Further develop their computational thinking to help debug their programs and design and solve problems and tasks.
- Further develop their computational thinking showing they can plan and decompose tasks; explain how the algorithms they write work and correct errors in their programs.

Websites or Apps



Outcomes

- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems.
- Solve problems by decomposing them into smaller parts.
- Use sequence, selection, and repetition in programs.
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.



Lower Key-
Stage 2

Computing

Computer Science

