

Kit's Computing Debugging Flashcards

Learning objective: To understand what debugging is and how to fix errors in a computer program.

Read the front of the card to learn about debugging. Flip the card to check the answer. Use the word bank to help you remember the meanings.

What is a 'Bug' in computing?

A bug is a mistake or error in a computer program.

What does 'Debugging' mean?

Debugging is the process of finding and fixing mistakes in code.

What is an 'Error'?

An error is when the computer does not do what you want it to do.

What is 'Code'?

Code is the set of instructions we give to a computer.

What is an 'Algorithm'?

An algorithm is a step-by-step list of instructions to solve a problem.

If a program stops working, what should you do first?

Look at the code to find the mistake.

What is a 'Logical error'?

A mistake where the code runs, but the result is not what you wanted.

Why do we test our code?

To check if it works correctly and find any hidden bugs.

How can Kit the Fox help us?

Kit helps us think clearly to solve puzzles and fix our code.

Is it okay to have bugs in your code?

Yes, everyone makes mistakes! You just need to debug them.

What does a 'Fix' do?

A fix changes the code so it works properly.

What is a 'Program'?

A program is a set of instructions that tells the computer what to do.