Name: Date:

Unit title: Computational thinking

KS2 Quiz

1	What is a sequence?
A	A set order or pattern for something to follow.
B	Something complicated and disorganised.
C	Something that constantly changes.
D	Something confusing that needs editing.

2	What is identifying the important details and ignoring irrelevant information?
A	Algorithm.
B	Sequence.
C	Abstraction.
D	Coding.

3	Which of these best describes an algorithm?
A	A set of confusing instructions.
B	A set of clear and precise instructions.
C	A set of long instructions.
D	A set of short instructions.

4	Which word means to break something down into smaller pieces?
A	Delete.
B	Decompose.
C	Code.
D	Abstraction.

5	What word do we use to describe fixing a mistake in code?
A	Debug.
B	Delete.
C	Design.
D	Divide.

6	What phrase means to identify similarities and recurrences in data?
A	Problem solving.
B	Computational thinking.
C	Algorithm design.
D	Pattern recognition.

7	What is a code block?
A	A type of computer.
B	A printer.
C	A section of code that can be snapped together to build a program.
D	The end of a piece of code.

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KS2 Quiz

8	**What is algorithm design?**
A	Creating a formula or set of instructions to solve a problem.
B	A plan for an algorithm.
C	A type of pattern recognition.
D	A way of decomposing code.

9	**If you want code to work, it is ok to make a few mistakes. True or false?**
A	True - a few mistakes is not a problem.
B	True - but only one.
C	False - any mistakes mean the code will not run properly.
D	True - you can make as many mistakes as you like.

10	**How has computational thinking helped you learn about coding? Has it made it easier to understand how computer software works?**