

What should I already know?

- To predict what will happen for a simple sequence of instructions (algorithm).
- To investigate how algorithms work.
- To make an algorithm/program to achieve a simple outcome.
- To improve a simple algorithm by identifying basic errors (bugs) and correcting (debugging).

Computing Skills:

- To predict what will happen in an algorithm using logical reasoning.
- To investigate the way algorithms, need precise, unambiguous instructions to work.

Key Vocabulary and Definitions:

Algorithm	A process or set of rules to be followed in calculations or other problem-solving operations, especially by a computer.
Drawings & Diagrams	Made by hand using a medium like pencils.
Editing	Revisiting our work and looking for marvelous mistakes.
Instructions	A direction or order.
Logic	It's a bit like reasoning.
Reasoning	The action of thinking about something in a logical, sensible way.
Precise	The quality, condition, or fact of being exact and accurate.
Predict	To say or estimate what will happen in the future or will be a consequence of something.
Problem Solving	The process of finding solutions to difficult or complex issues.

Teaching Sequence

Computing Science

1. To predict what will happen in an algorithm using logical reasoning.
2. To investigate the way algorithms, need precise, unambiguous instructions to work.

Online safety – Online Bullying

1. To explain what bullying is, how people may bully others and how bullying can make someone feel.
2. To explain why anyone who experiences bullying is not to blame.
3. To talk about how anyone experiencing bullying can get help.

Concept Cartoon:

Year 2 - Computer Science

Date ___ / ___ / ___



My buttons are just
for show.
I can do what I
want!



Do you agree with the beebot?

How would you make the beebot perform
an **algorithm**?

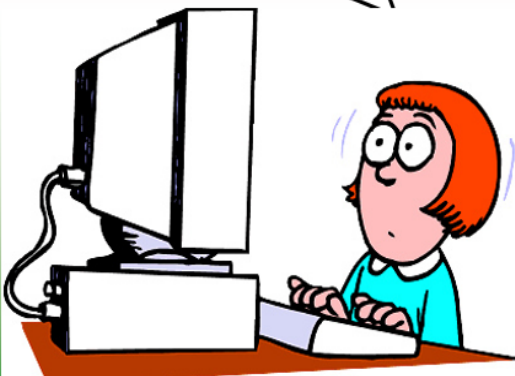
Standard Met?

Yes/no

Year 2 - Online Bullying
Term 2



Someone typed something
really mean to me, but
nobody will care because
they didn't say it in real life.



What advise would you give?

Standard Met?

Yes/no