BBC Bitesize

Logic Gates - GCSE Computer Science video explanation of NOT, AND, OR and XOR logic gates

NARRATOR: Logic gates are the building blocks of digital technology.

(ORANGE YELLS)

There are many types of logic gates, which all work in different ways.

This is a NOT gate.

(WHIRRING)

The output is always exactly the opposite to the input.

This one is an AND gate. It needs both inputs on to work.

(ORANGE SQUEAKS)

This is an OR gate. It has two inputs.

(WHIRRING)

And either input, or both, need to be on to give a positive output.

This is an XOR gate.

(PEARS SLURP)

(GLASS SMASHES)

Either input, but not both, needs to be on to get a positive output.

Crikey!