Robotics Badges
Glossary for Brownes

Brownies may not know some of the words used in these badges. Here are definitions you can share with them:

A **robot** is a machine capable of carrying out a complex series of actions automatically, especially a machine programmed by a computer.

An **algorithm** is a list of steps that you can follow to finish a task. A recipe is an example of an algorithm; it tells you how to cook a dish by following step-by-step instructions.

Automatic is when a machine works with little or no human control.

A **program** is an algorithm that has been coded into something that can be run by a machine.

Debugging is finding and fixing problems in your algorithm or program.

Biomimicry is the design and creation of materials or systems that are modelled on how humans and other parts of nature, like animals or plants, look and function.

Pollenate is to move or deposit pollen on a plant or flower to allow fertilization.

Engineers are people who solve problems. They're creative — they use their imaginations to build bridges, buildings, planes, and roads. And they're practical — they invent real things that can be used in the real world, like computers, TVs, and phones.

A **prototype** is a sample when you want to show someone your idea. It could be a drawing or a model you make to show what your idea looks like.