

Robotics Badges

Glossary for Daisies

Daisies 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.

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.

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.

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.

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