

Why microcontrollers, electronic components, and graphical programming?

Activity 13



Explain why you are going to use this hardware and software.

Use the words to fill in the blank spaces.

input

microcontrollers

modules

Robotics

words

Using an educational microcontroller means you can create graphical (block-based) programs that use physical and output This makes learning a hands-on (kinaesthetic) experience.

You can make your programming better by using graphical (block-based) programming without learning the (syntax) of a text-based language.

You can program using modules for many STREAM projects. Some project examples are:

- ⦿
- ⦿ Weather stations
- ⦿ Alarm systems
- ⦿ Smart home automation