Awesome Algorithms

Children will build on their knowledge of instructions to enter specific commands to both programmable toys and computer based coding programs.

What I already know…

I know how to program a simple floor robot to carry out a short sequence of steps.

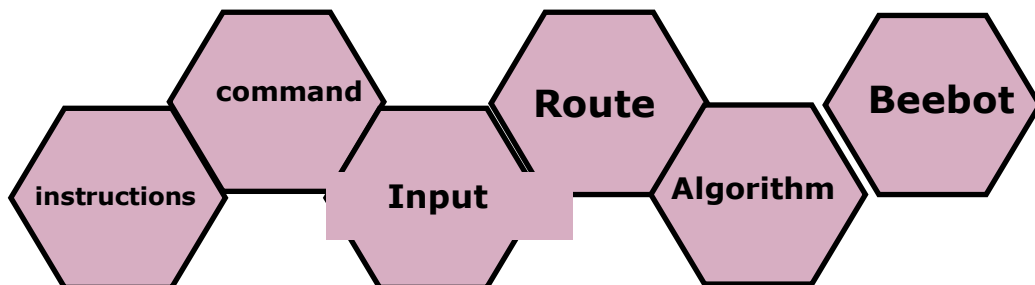I know that electronic toys have a cause and effect (push a button to hear a sound)

I have used a variety of electronic toys in play situations.

I will learn…

⇒ To move a programmable toy in different directions, by giving and following instructions

⇒ To combine commands to follow a route

⇒ To describe and write algorithms to complete specific tasks

⇒

Key Vocabulary

instructions

command

Input

Route

Algorithm

Beebot

Learning values

Perseverance