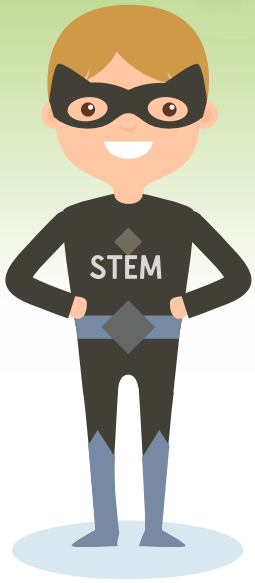
Grow
Early Education

Early Childhood STEM Habits of Mind

Science, Technology, Engineering and Mathematics

Children are:



INQUIRERS

When they wonder why things happen and how things work.

ENGINEERS

When they design, build and make things.

OBSERVERS

When they watch closely things in nature and the world around them.

PATTERN SNIFFERS

When they search and find patterns in words, numbers and the world.

DESCRIBERS

When they describe what they do and see using precise language.

EXPERIMENTERS

When they try and test things to learn how things work or what might happen.

ENCODERS

When they represent what they do and see with drawings and symbols.

MEASURERS

When they measure and count things.

DECODERS

When they make meaning of representations and symbols.

PREDICTORS

When they predict what might happen next.

Source: Stem Education Research Centre, University of Canberra