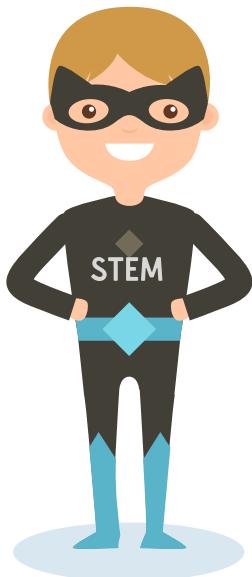




# Early Childhood STEM Habits of Mind

## 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.

#### DESCRIPTERS

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.

