

# STEM Universal Powerful Words:

**Engineering Design Process** a series of steps engineers use in order to solve a problem

**Engineer:** is a person who designs and builds complex products, machines, systems, or structures

**Ask:** question/think about the problem

**Imagine:** brainstorm

**Plan:** create a blueprint or outline of an idea

**Create:** test out your product or concept

**Improve:** make better

Ask	Imagine	Plan	Create	Improve
<b>Connect/Connection</b> : *join ideas	<b>Invent:</b> to create	<b>Formulate:</b> create, invent, produce	<b>Construct:</b> build	<b>Analyze:</b> break apart information
<b>Dissect:</b> *to study or examine	<b>Generate:</b> to produce ideas	<b>Design:</b> blueprint for concept studied	<b>Variables:</b> any item that can be changed or controlled (constraints)	<b>Rethink:</b> second thoughts about something
<b>Recall:</b> *remember	<b>Brainstorm:</b> ways to problem solve	<b>Constraint:</b> restriction challenge	<b>Test:</b> try out your creation	<b>Evaluate:</b> show what you have learned or changed to make better