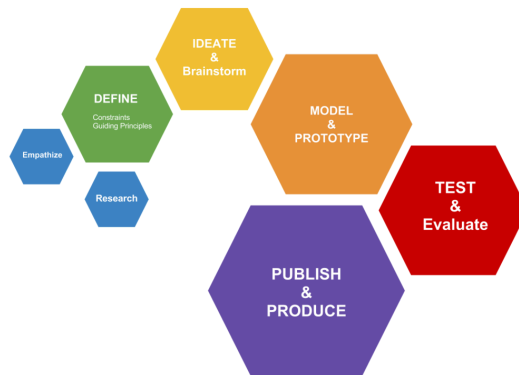**Lets review the phases of the design process:**

<u>**Research/Empathy**</u>: We learn about a topic.

<u>**Defining our problem**</u>: We define our problem.

<u>**Ideate and brainstorm**</u>: This is where you come up with ideas with your partner or team.

<u>**Prototype**</u>: This is where you sketch or draw what your ideas would look like.

<u>**Model:**</u> This is where you build the best idea!

<u>**Test:**</u> This is where we test to see if your idea works!

<u>**Produce**</u>: If it is good, we can make more.

Recommended: [Design Thinking Coloring Page](#)

Empathy- What is the issue? Empathy is understanding what another person is experiencing OR feeling what someone else is feeling.
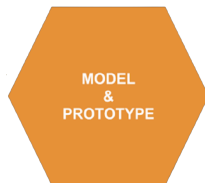

Research- What do we know about the topic? What do we need to learn?

DEFINE
Constraints
Guiding Principles

Define- What is the problem we are trying to solve? What do we need to do to solve the problem? Identify the constraints.

IDEATE & Brainstorm

Ideate and Brainstorm- Brainstorm and create solutions, no idea is a bad idea! Narrow your ideas.

MODEL & PROTOTYPE

Model and prototype- Build representations of one or more ideas

TEST & Evaluate

Test and Evaluate- Test your prototype. Validate ideas and get feedback to improve. Make adjustments as necessary

PUBLISH & PRODUCE

Publish and Produce- If it works, share it with the world!