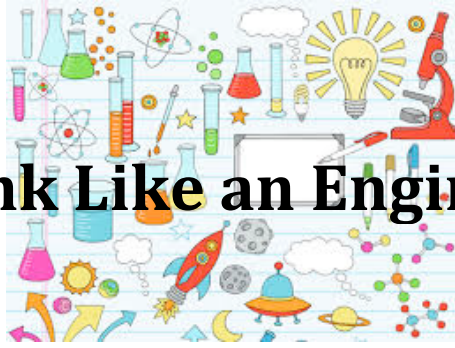


Name: _____

Think Like an Engineer



***ASK, IMAGINE, PLAN** must be completed BEFORE you create.

ASK: What is the problem? (What challenge did you choose?) How have others approached it?
What are your constraints or limits?

Date Started: _____

Time Started: _____

IMAGINE: What are some solutions? Brainstorm ideas. Choose the best one.

Date Started: _____

Time Started: _____

PLAN: Draw a diagram. Make lists of materials you will need.

Date Started: _____

Time Started: _____

CREATE: Follow your plan and create something. Test it out!

Date Started: _____

Time Started: _____

If possible, have someone take a picture or video of you completing your task.

IMPROVE:

Date Started: _____

Time Started: _____

What works?

What doesn't?

What could work better?

Modify your designs to make it better.

Test it out if possible. Bonus – reflect on these same questions for your second trial!