

S

CIENCE

Effort to better understand our universe through observed evidence

T

ECHNOLOGY

Knowledge to invent a device, tool or method that solves a problem

E

NGINEERING

Applying knowledge to solve a problem, create structure. Figure out how things work

M

ATHEMATICS

The use of numbers, equations, shapes, measurement, time, & amounts and how they relate

P L A N N I N G S H E E T

Name: _____

What is the problem?

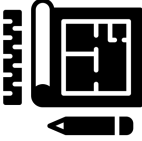
Brainstorm possible solutions. Try to think of more than one: imagine, sketch, take notes...

SUCCESS...?

In regards to the problem, what will success look like in the trials, and in the end result?

BLUEPRINT:

Based on your best solution, design a plan. The more details the better. Try to use labels, colors, measurements, time...etc



:MATERIALS:

TEST PROTOTYPE:

With each attempt, take note of measurements, amounts, time, materials...etc. When applicable test and evaluate your design. Next, improve the design. Record notes for each attempt below.

Attempt 1: Record Details	1. Test / Evaluate	1. Improve / Adjustments:
Attempt 2: Record Details	2. Test / Evaluate	2. Improve / Adjustments:
Attempt 3: Record Details	3. Test / Evaluate	3. Improve / Adjustments:

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