



Name: _____

Class: _____ Date: _____

Step 4: Building Workspace

Please follow along with your teachers as you use this workspace to go through the observing process. Follow the numbers next to each activity/diagram in chronological order.



1. Basic Sketches

Draft Sketch #1

Draft Sketch #2

2. Available Materials

What materials do you have at hand?

What materials do you think you need?

3. Defining Features + Functionalities

Write out the top 5 features and functionalities of your prototype.

Features:

Functionalities:

What technology intrigues you the most, or what are you thinking about using in further prototypes of your idea?

- ☐ 5G Wireless
- ☐ Nanotechnology
- ☐ Power of Data Analytics
- ☐ Artificial Intelligence
- ☐ Virtual and Augmented Reality
- ☐ Microcontrollers and Microcomputers
- ☐ Wireless Communication
- ☐ Mobile Applications
- ☐ 3D Printing
- ☐ Sensors
- ☐ Genetic Engineering
- ☐ Other: _____

Why are you interested in this/these specific technologies?
