

Name: _____

Date: _____

Engineering an Obstacle Course

Your challenge is to design and engineer your obstacle course. Use this document as a guide for completing your assignment.



1. Draw out a blueprint of your course. Think of your blueprint as a detailed sketch of your obstacle course. Include any materials used (see attached document for material ideas). You can draw your blueprint in the space provided or on a separate sheet of paper to ensure that you have plenty of room.

2. Jot down the following question responses. These questions can be later used for discussion on Google Classroom:

-What is the purpose of this course?

-What kind of materials are needed to create your course?

-What space will you use to create your course/where will it be made?

-How big is your course?

3. Design and create your obstacle courses! This is where your building will take place. Remember to be creative!
4. Once your design has been created, be sure to test it out. You can work with parents, siblings, or test it yourself!
5. Make improvements to your design and re-test. Repeat as many times as needed.
6. Log on to Google Classroom and upload videos, pictures, and completed worksheets to the assignment.
7. We will then be commenting and reflecting on one another's projects and providing feedback to our students. See attached document.

Obstacle Course Examples:



Engineering Design Process Examples:

