# Specific Roles For Helpful Team Members: Project-Based Learning

MATERIALS TEAM MEMBER: You will create a document communicating your team's wish list of materials. Additionally, you are also responsible for pricing out each item as well as the quantity of items you will need. Finally, you will be responsible for ensuring safe lab practices and cleaning up equipment and tools during construction.

SCHEMATICS TEAM MEMBER: You will draft three schematic drawings of your team's first design idea. Make them detailed with possible length measurements. Do not worry if these are beautiful drawings. Sketches only need to be useful in building a prototype. It will also be your responsibility to ensure that the project has been built to the specifications of your drawings.

COORDINATOR TEAM MEMBER: You will create a list of tasks for individual team members to complete during class and for upcoming class periods. Please consider how you will organize your team, make use of experts and other resources, and utilize spaces available to you at school. You will be the spokesperson for your team. During class discussions, you will be responsible for communicating your team's project effectively and concisely. During critiques (both formal and informal) expect to present your project to the critique panel and defend your team's design choices. If you feel that another member of your team can answer a question more thoroughly, you are responsible for directing the question to him/her.

RECORDER/PHOTOGRAPHER TEAM MEMBER: You will prepare any tools you plan to use to document the design & build process. Please bring tools you may already have to class that you need but are not available on campus. You will also record careful notes and observations during the class period. Your job is extremely important as each team project is redesigned from initial ideas, drawings, and structures. Your notes are instrumental in deciding future design choices. Finally, you will be responsible for documenting the engineering design process within your group and archiving your project in digital form for final submission.