

## iMaker Small Group Activity

**The Task:** Create a video tutorial detailing 'how to make' something with the intention that it will be used by future first year iMaker students.

**Group Size:** 2

**Time Frame:** 2 weeks

### Learning Objectives

- ✔ To develop team work skills demanded of people in many careers, especially those in the tech sector
- ✔ To give back. The learning content that is so readily available to us via the internet we can often take for granted. Somebody had to take the time to create this content.
- ✔ To make something that we haven't focused on thus far, a video.

### Parameters:

Your video tutorial must be entitled – *How to make...* \_\_\_\_\_. You are to work with your partners to completely document the making process from start to finish. In the choosing of your subject matter, you will need to consider the materials available to you.

### Subject Matter Areas you must work within:

- Robotics
- Electronics
- Raspberry Pi
- 3D Printing
- Arduino
- Laser

### Evaluation

You have used many tutorials to help you learn so far this year, so then, what makes a good video tutorial and equally important, what makes a bad one? We will discuss this as a group and publish the results of this discussion along with a marking rubric that will be developed from this.

### Blogging.

The expectation for daily blogging will continue throughout this project. For some however, techniques may need to be adjusted. As you will be actively working with a partner it will be difficult to make a blog entry at frequent intervals. It is more likely that the blog entries will be entered nearing the end of a class and for this reason (and in consideration of the nature of group work), greater emphasis should be placed on the 'Reflection' component of the blog entry.