READ ME FIRST

These projects include the following resources:

- **Overview PDF**. This document introduces the project.
- **Presentation PowerPoint**. These slides introduce the project to the class.
- **Teacher Guide**. This document contains information related to the previous slides. Also included are additional ideas you may want to use to enhance the activity in the classroom or adjust it for different skill levels.
- **Student Guide**. This document provides basic guidelines for the activity, such as deliverables, tips for creating the individual components, and 3D printing guidelines.
- **Video**. This video provides an overall approach to how the model can be created in CAD, 3D printed, then assembled.
- **Step-by-Step Course**. This course demonstrates every step of the design process using easy to follow procedures and video clips along with overall videos showing the entire process.

When combined, these documents, videos, and courses provide all the tools you require to execute this project and build your curriculum.

DISTRIBUTION AND MODIFICATION

You are free to distribute the documents and slides to your students.

You are free to modify the slides to fit your classroom.

We encourage you to link to the video and course to make it easy for your students to reference the materials.

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