# Blank Activity Template (🡨put your title here!)

**Key:** Yellow highlight = required component

# Subject Area(s) (Select from [TE subject areas](https://www.teachengineering.org/subjectareas))

# Associated Unit

# Associated Lesson

# Activity Title

# Header

**Image 1**

**Image file:** \_\_\_?

**ADA Description:** \_\_\_? *(Write as if describing the image  
 to a blind person; do not repeat caption content.)*

**Source/Rights:** © \_\_\_?

**Caption:** \_\_\_?

# Grade Level \_\_ (\_\_-\_\_)

# Activity Dependency

# Time Required \_\_\_ minutes

**Group Size**

# Expendable Cost per Group US $\_\_\_

# Summary

# Engineering Connection

# Engineering Category =

# Choose the category that best describes this activity’s amount/depth of engineering content:

1. Relating science and/or math concept(s) to engineering
2. Engineering analysis or partial design
3. Engineering design process

# Keywords

# Educational Standards (List 2-4)

Source, year, standard number(s)/letter(s), grade band and text (its unique ID# is optional)

[State STEM Standards](https://www.teachengineering.org/standards/browse) (required)

[ITEEA Standards](https://www.teachengineering.org/standards/iteea) (required)

[NGSS Standards](https://www.teachengineering.org/standards/ngss) (strongly recommended)

[CCSS Standards](https://www.teachengineering.org/standards/commoncoremath) (strongly recommended)

# Pre-Requisite Knowledge

# Learning Objectives

After this activity, students should be able to:

# Materials List

Each group needs:

To share with the entire class:

# Introduction / Motivation

# Vocabulary / Definitions

|  |  |
| --- | --- |
| **Word** | **Definition** |
|  |  |
|  |  |
|  |  |
|  |  |

# Procedure

**Background**

**Before the Activity**

**With the Students**

# Image Insert Image # or Figure # here (use Figure # if referenced in text)

**Figure 1**

**Image file:** \_\_\_?

**ADA Description:** \_\_\_? *(Write as if describing the image  
 to a blind person; do not repeat caption content.)*

**Source/Rights:** © \_\_\_?

**Caption:** Figure 1. \_\_\_?

# Attachments

# Safety Issues

# Troubleshooting Tips

# Investigating Questions

# Assessment

**Pre-Activity Assessment**

*Descriptive Title:* \_\_\_?

**Activity Embedded Assessment**

*Descriptive Title:* \_\_\_?

**Post-Activity Assessment**

*Descriptive Title:* \_\_\_?

# Activity Extensions

# Activity Scaling

* For lower grades, \_\_\_?
* For higher grades, \_\_\_?

# Additional Multimedia Support

# References

**Other**

**Redirect URL**

# Contributors

# Supporting Program

# Acknowledgements

# Classroom Testing Information