Pathways Project - Rotational Inertia

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The Process

- Choose <u>pathways</u> of interest (two or more)
- Brainstorm ideas
- Choose a project idea and rationalize it for pathways, course topic(s), and class skills
- Specify an outcome
- Develop a method of measuring your level of success
- Lay out your steps to success
- Document the process along the way with regular reflection
- Publish and share your result

Choose pathways of interest (two or more)

- Art
- Engineering
- Computer Science
- Educational production
- Pop culture analysis
- History
- Writing

Explain why you chose them.

Brainstorm ideas

It can help to start with problems to solve or something you want to know. In this case you have a theme -- ROTATIONAL INERTIA!

Choose a project idea and rationalize it for pathways, course topic(s), and <u>class skills</u>. For the second round of pathways projects please choose something that involves rotational inertia.

name: Your name

Describe your project choice and how it is connected to the **pathways** you chose.

If you are collaborating with someone on some parts of your project, indicate this here.

| Class skills | Connections to my project |
|--------------|---------------------------|
|--------------|---------------------------|

| Investigation I can research, design and execute an experiment to test a question using the results to drive further inquiry. | |
|---|--|
| Solution design I can model nature with detailed diagrams, mathematics and simulations. | |
| Collaboration I can contribute positively to cooperative learning. | |
| Metacognition I can use feedback and personal reflection to evaluate my progress and plan for further skills growth | |
| Communication I can convey my understanding and publish my results. | |

Specify an outcome

What's your final product(s)? What are you creating and putting out into the world?

Develop a method of measuring your level of success

| Rubric item | My evaluation | Teacher evaluation | Peer evaluation | Peer evaluation |
|-------------|---------------|--------------------|-----------------|-----------------|
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Lay out your steps to success

List your steps for completing your project.

Document the process along the way with regular reflection

Choose, describe and link how you will be documenting your process. A logbook is a great idea. A new folder in SeeSaw could work too.

Publish and share your result

Coming soon . . .