

Force, Motion, & Energy Choice Board

PPT Presentation

Complete a multi-slide presentation that covers the types of motion discussed in this unit. Include relevant images and captions.

Motion Game

Compile an organized list of 20 questions that can be used for a review game about the motion unit. You must also include an answer for each question.

Science Project

Conduct an experiment involving friction and motion. Report your findings and include photographs.

Research

Conduct online research related to rollercoasters. Type a paper describing the various forces that people experience while riding.

Student Choice

Do you have a different idea for how you can approach this project? Great! Be sure to discuss your idea with the teacher for approval.

Movie Time

Create a video that includes real world examples of push, pull, gravity, friction, and each of Newton's laws.

Poster Project

Divide a piece of posterboard into 3 sections and create a detailed illustration of each of Newton's Laws.

Song

Write and submit a performance of a poem or song about one of Newton's Laws. Be sure to use key vocabulary.

Short Story

Write a short story that involves the loss of gravity on Earth. Give detailed descriptions of what would happen.

Ecosystems Choice Board

PPT Presentation

Complete a multi-slide presentation that includes important facts and images associated with various ecosystems.

Ecosystem Game

Compile an organized list of 20 questions that can be used for a review game about the ecosystem unit. You must also include an answer for each question.

Short Story

Write and illustrate a fictional short story that is set across multiple ecosystems. Be sure to incorporate relevant vocabulary.

Animal Letter

Select an animal from a particular ecosystem and write a letter to humans explaining the impact that they have on your ecosystem.

Student Choice

Do you have a different idea for how you can approach this project? Great! Be sure to discuss your idea with the teacher for approval.

Video Review

Record a video where you give important information about ecosystems and then do a detailed countdown of the 5 best ecosystems for humans to live in.

Murals

Choose an ecosystem and draw it as a mural on posterboard. Include various plants, animals, and land features that are found in the ecosystem.

Song

Write and submit a performance of a poem or song about the transfer of energy within an ecosystem.

Geography Connection

Draw a map of Earth and illustrate/label the various ecosystems with individual colors, textures, or icons. Be sure to include a key.

Weather Phenomena Choice Board

PPT Presentation

Complete an 8-slide presentation about weather types (hurricane, rain, snow, & lightning) that includes pictures & descriptions.

Be a Meteorologist

Record videos of yourself giving a 1-minute weather report on at least 3 separate days.

Short Story

Write and illustrate a fictional short story where various weather phenomena and related vocabulary factor into the setting and plot.

Storm Research

Do a Google search of *Hurricane Sandy* and type a 2-page report that includes 10 facts that you learned.

Weather Podcast

Submit an engaging audio clip (at least 5 minutes in length) where you discuss various weather phenomena and their impacts on your community.

Movie Trailer

Create a 2-minute movie trailer that provides an in-depth overview of what future students can expect to learn in the weather phenomena unit.

Interview a Meteorologist

Submit a screen recording of a virtual meeting with a local meteorologist where you discuss weather phenomena.

Song

Write and perform a song or poem that compares the types of weather phenomena covered in this unit.

Written Test

If you select this option, you will receive a test with short and long answer items about the weather unit.

Solar System Choice Board

PPT Presentation

Complete a multi-slide presentation that includes important facts, events, and images. Include all planets and the Sun.

Space Game

Compile an organized list of 20 questions that can be used for a review game about the Solar System unit. You must also include an answer for each question.

Short Story

Write and illustrate a fictional short story that takes place across multiple planets. Be sure to incorporate relevant vocabulary.

Travel Agent

Create a commercial or detailed brochure that will entice people to sign up for a space cruise to multiple destinations in our Solar System.

Student Choice

Do you have a different idea for how you can approach this project? Great! Be sure to discuss your idea with the teacher for approval.

Movie Trailer

Create a preview trailer for a documentary about our Solar System. Get the audience excited about what they would learn from watching your documentary.

Interview a Professional

Conduct a virtual interview with a NASA scientist or college astronomy professor where you ask questions about the Solar System. Submit the recording or type a summary.

Song

Write and submit a performance of a poem or song about our Solar System. Be sure to incorporate key vocabulary and facts.

Podcast

Submit an engaging audio clip where you discuss our Solar System and countdown your top 5 favorite planets. Invite a guest to participate with you.

Simple Machines Choice Board

<p><u>Advertisement</u></p> <p>Identify a particular simple machine and record a commercial or design a brochure that will entice consumers to buy it.</p>	<p><u>Machine Game</u></p> <p>Compile an organized list of 20 questions that can be used for a review game about the simple machine unit. You must also include an answer for each question.</p>	<p><u>Letter to an Inventor</u></p> <p>Select an important invention that uses a simple machine. Identify the inventor and write a letter explaining the importance of her/his invention to our society.</p>
<p><u>Image List</u></p> <p>Choose 4 categories of simple machines and create a chart that gives 5 examples of each. Include images for each.</p>	<p><u>Student Choice</u></p> <p>Do you have a different idea for how you can approach this project? Great! Be sure to discuss your idea with the teacher for approval.</p>	<p><u>Videos</u></p> <p>Create a video file that includes 8 short clips of you identifying and using different simple machines at home or in the community.</p>
<p><u>Timeline</u></p> <p>Create and illustrate a timeline that includes 10 inventions that use simple machines. Be sure to include inventor names and dates.</p>	<p><u>Comic Strip</u></p> <p>Write and illustrate a 5-panel comic strip that highlights how a particular simple machine makes life easier for people.</p>	<p><u>Podcast</u></p> <p>Submit an engaging audio clip where you discuss simple machines and countdown the top 5 most useful simple machines. Invite a guest to participate with you.</p>