

Layers of the Atmosphere

Create a moving model that represents the 5 main layers of Earth's atmosphere.



Think Like an Engineer:

How can you make a model of the Earth's atmosphere move?

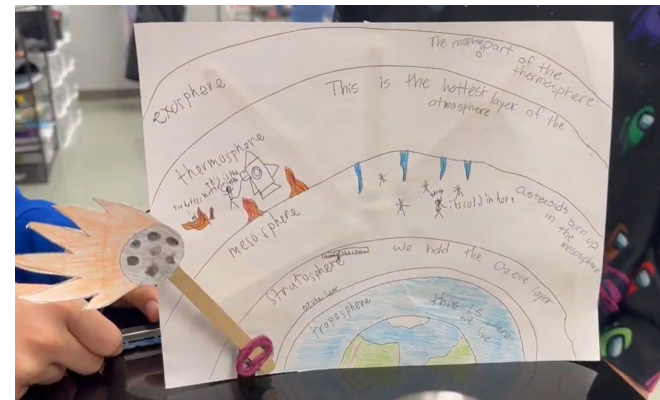
Think Like a Scientist:



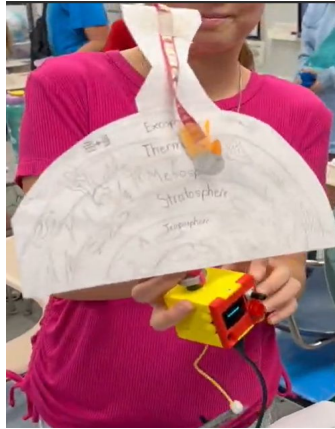
What are the 5 main layers of Earth's atmosphere? What do you know about each layer of the atmosphere?

EXAMPLE IDEAS

Did you represent each layer of the atmosphere? Did you include fact(s) for each layer? Is there a moving component to your model?



Flip over for more details!



BUILD IT!



CODE IT!

Modify It

Code Snippets and explanations

Program multiple data points in a diagonal line to create a smooth transition from one position to another.

Utilize the full range of motion for the motor.

- Once the motor is coded to move your model, add another moving element.
- Hang a meteor, make an earth spin, etc.



CHALLENGE YOURSELF

Write down 2-3 facts about each layer of the atmosphere. In which layer is the ozone? Where does weather occur? Which layer is the coldest? Where do satellites orbit?