



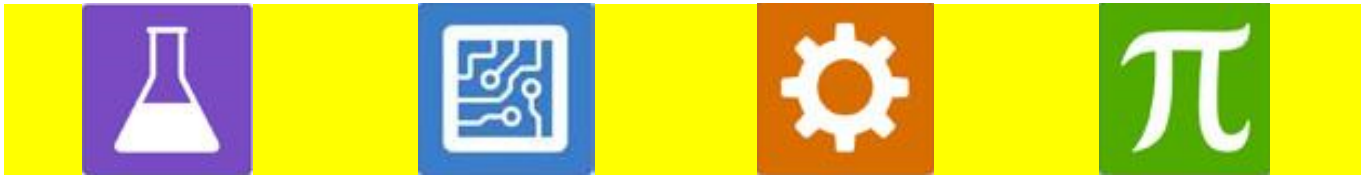
Stem

Student packet



Name _____

Section _____



STEM Vocabulary

[Research and Define these Terms]

Property:

Mass:

Volume:

Color:

Texture:

Temperature:



Group # _____

Section: _____

Student Name: _____

Partner's Name: _____

Give your project a title:

Design the Prototype

(Create a labeled diagram of your prototype.)

Materials

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Group # _____ **Section:** _____
Student Name: _____
Partner's Name: _____

Test your Prototype - Collect your Data

Large empty rectangular box for data collection and notes.



Group # _____

Section: _____

Student Name: _____

Partner's Name: _____

Improve the Prototype

(Re-design your Prototype. Create a labeled diagram of your improved prototype.)

Materials

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Group # _____	Section: _____
Student Name: _____	
Partner's Name: _____	

Reflection Questions

1. In what way did you improve your prototype?

2. Do you expect the improved prototype to pass the challenge? Why?

3. What did you learn? Discuss your success or lack of success and reasons for it.



Make a Movie – Use (*iMovie, Keynote, Flip, Canva, etc.*) to create a video/presentation following the instructions below. Share the movie or presentation on **Seesaw**.

Instructions: Record and submit a video of yourself and your team answering the following questions:

1. What was the title of your project?
2. What was your project about?
3. What were your findings during the research?
4. Which materials did you use from the available ones?
5. Did your prototype pass the challenge?
6. Why did your prototype pass or did not pass the challenge?
7. A. If YES to question #5, skip question #7!
B. If NO to question #5, what changes did you make to your prototype? Did it pass the challenge after you improved it?
8. What would you like the next STEM project to be on?
9. Add pictures and video that you recorded during the project in your presentation.