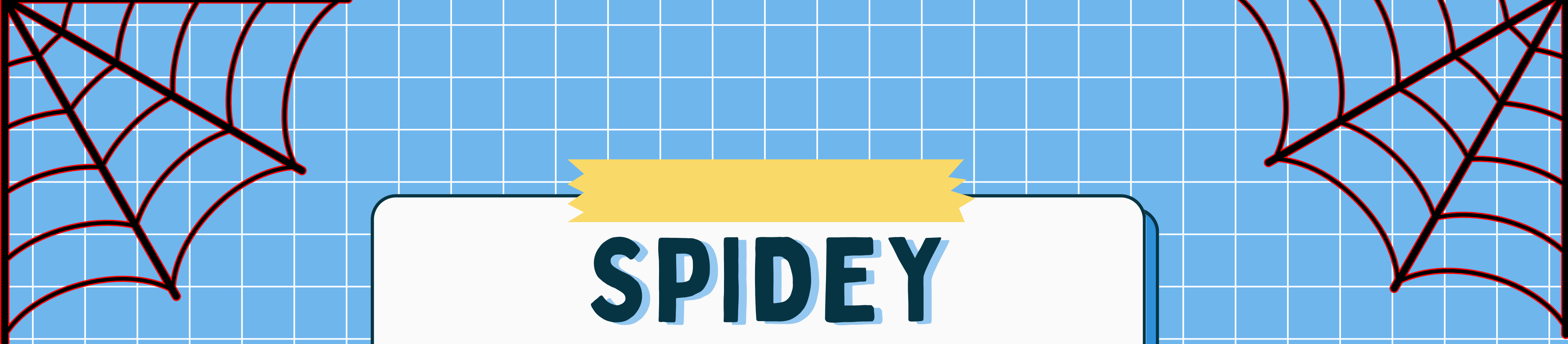
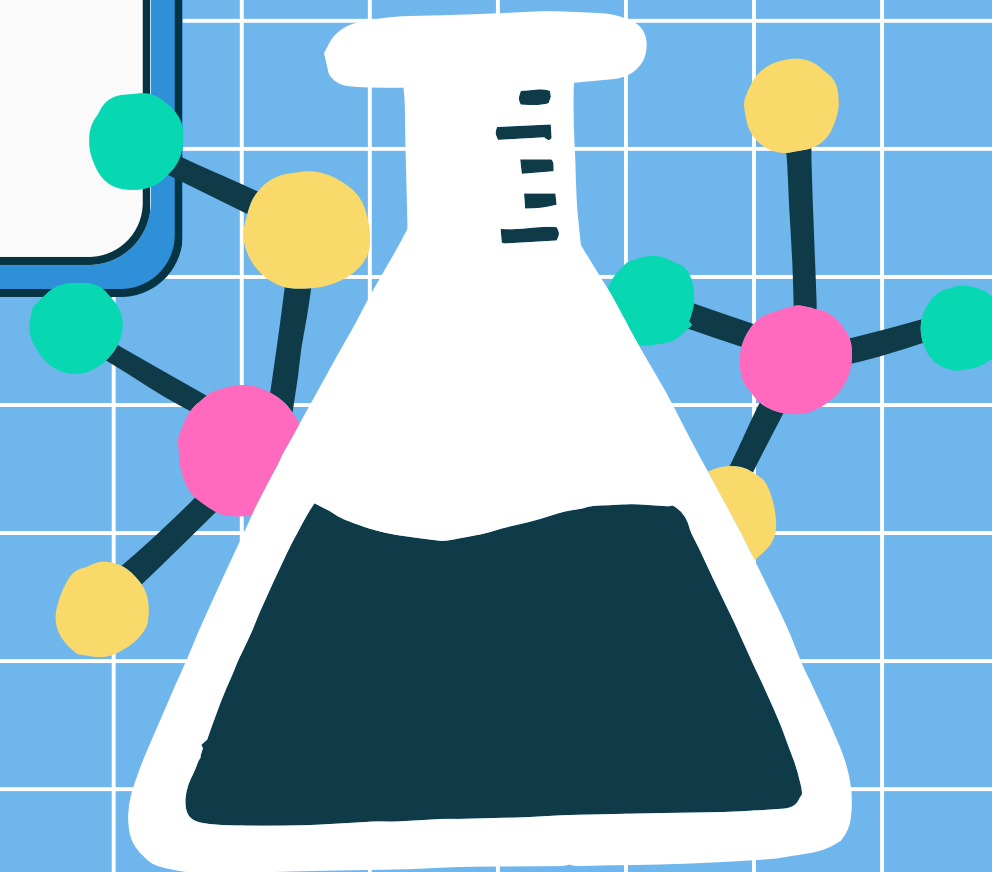
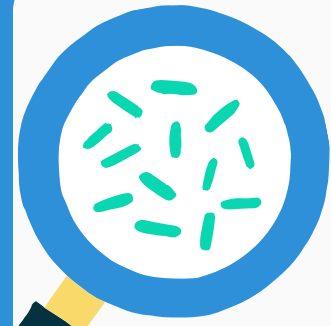




SPIDEY SWINGS INTO SCIENCE

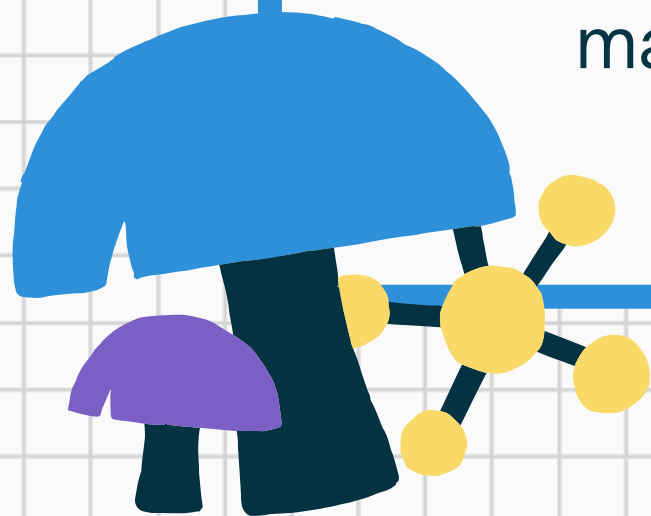
**SARSEF
2026**





INTRODUCTION

We love Spidey and wanted to explore the elements of his web in the real world. If Spidey were real, what material could he use in our classroom to make his webs? We investigated the qualities of a web and what Spidey would use them for by watching clips from the show. We then learned about measuring the strength of a material and began our investigation.



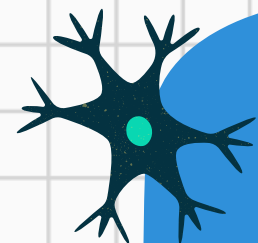
WHAT DOES SPIDER-MAN USE HIS WEBS FOR?

WHAT CHARACTERISTICS DO SPIDER-MAN'S WEBS NEED TO HAVE?

WHAT MATERIALS COULD WE USE TO MAKE "WEBS"?



OUR QUESTION

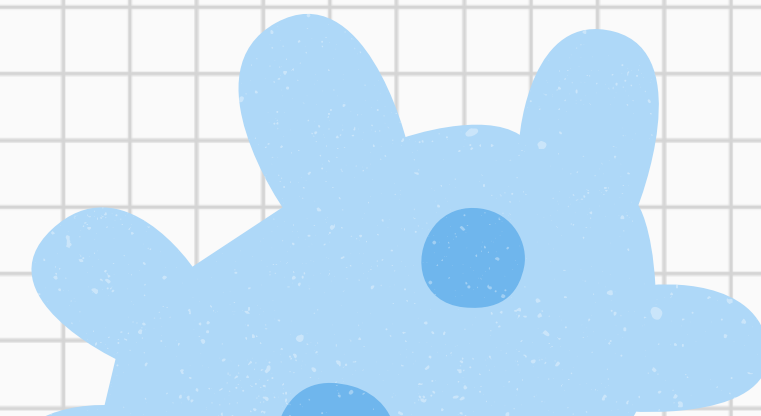
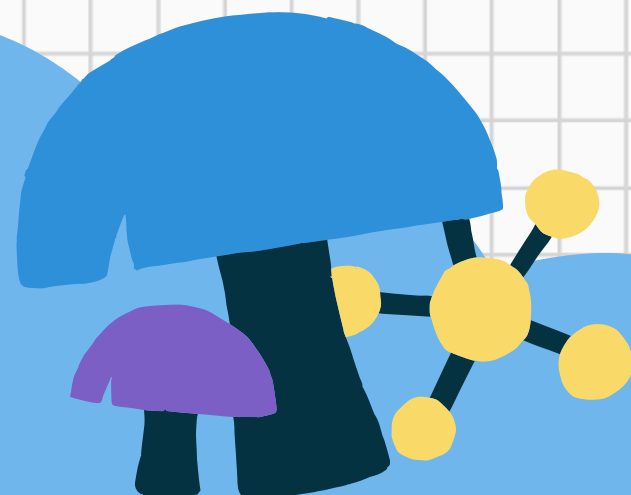
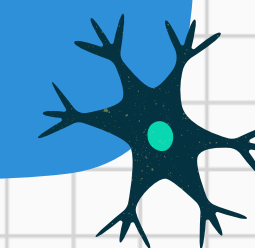


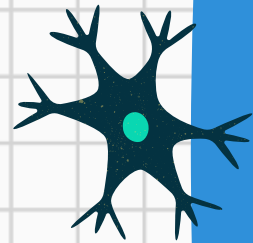
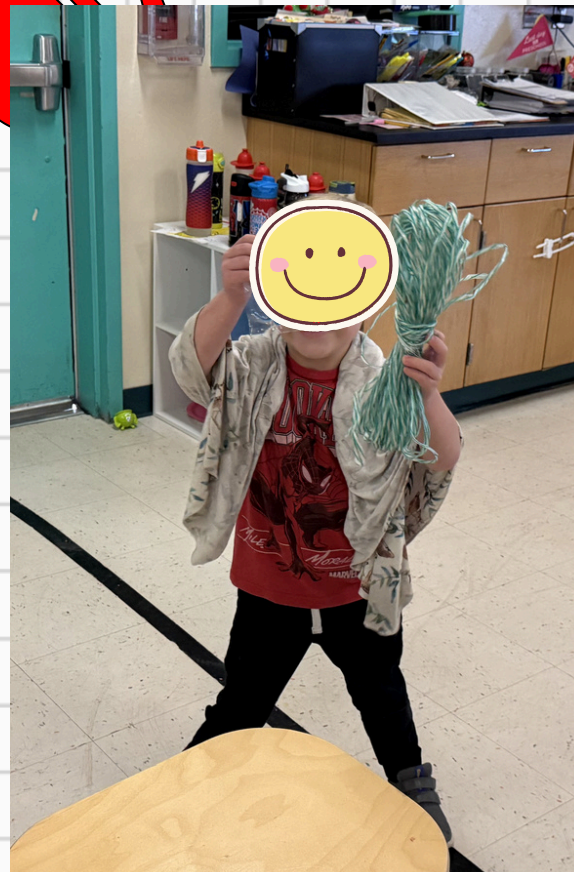
WHAT MATERIAL
WOULD MAKE THE
BEST WEB FOR
SPIDEY?

PREDICTIONS



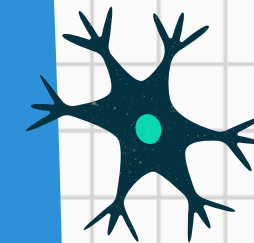
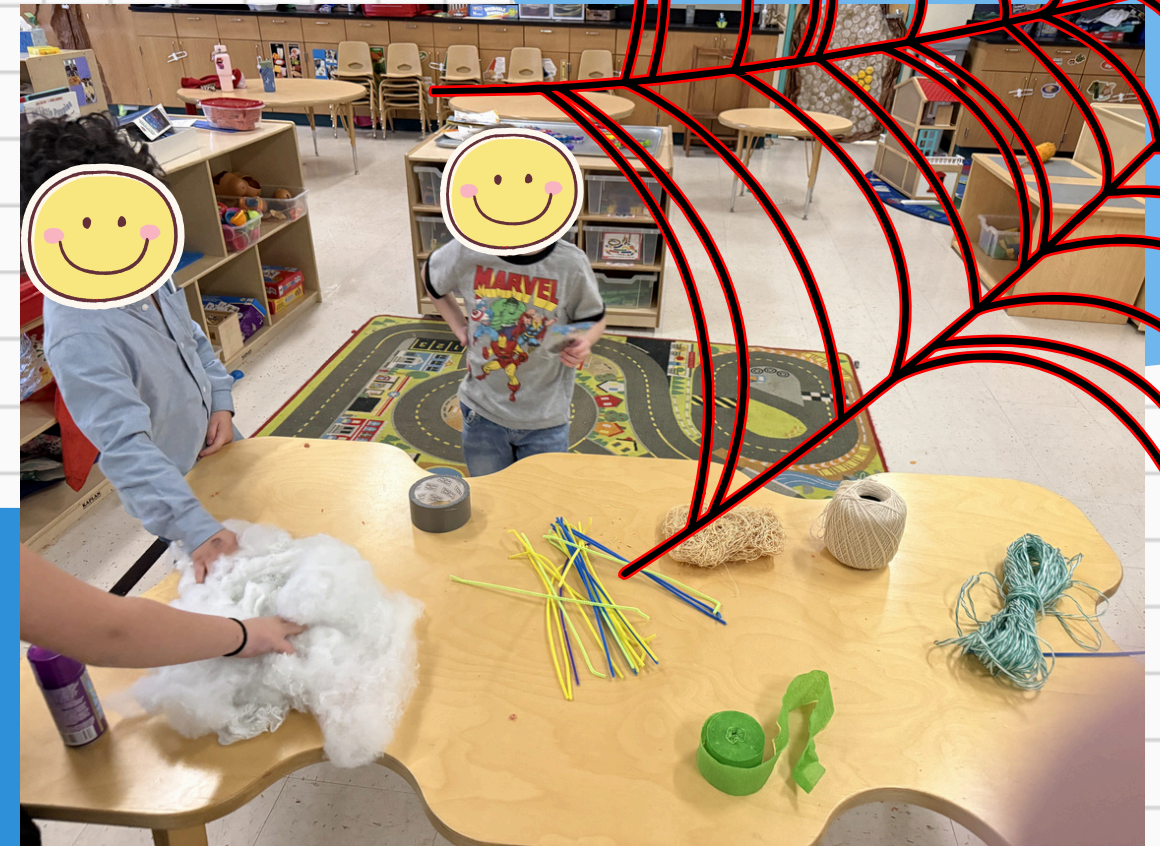
WE THINK THAT THE
HALLOWEEN SPIDER
WEB WILL MAKE THE
BEST WEB FOR
SPIDEY.





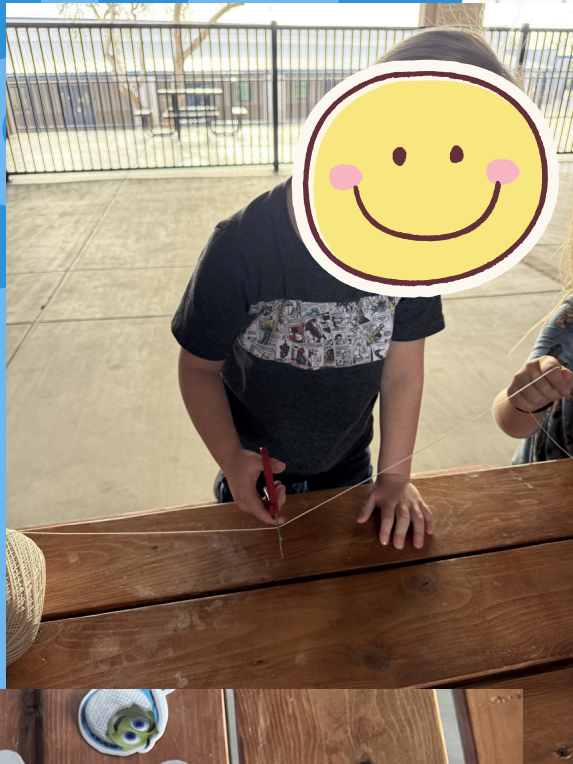
MATERIALS

- String
- Duct-tape
- Pipe Cleaners
- Silly String
- Rope
- Basket
- Halloween Spiderweb
- Sticky Hands
- Weights

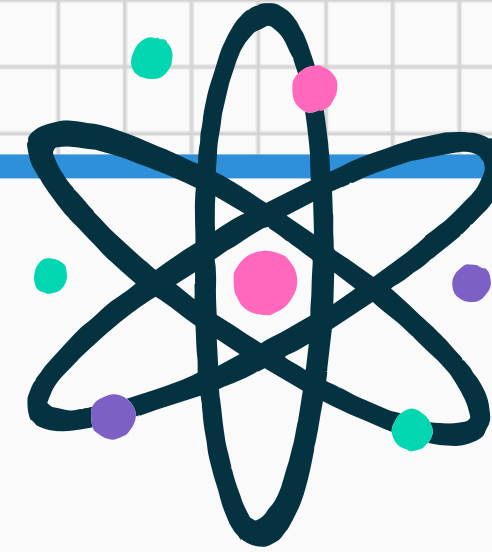


PREDICTIONS

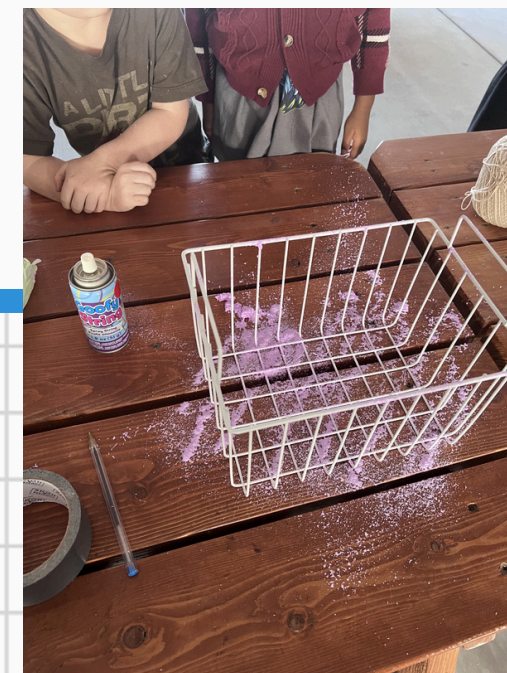
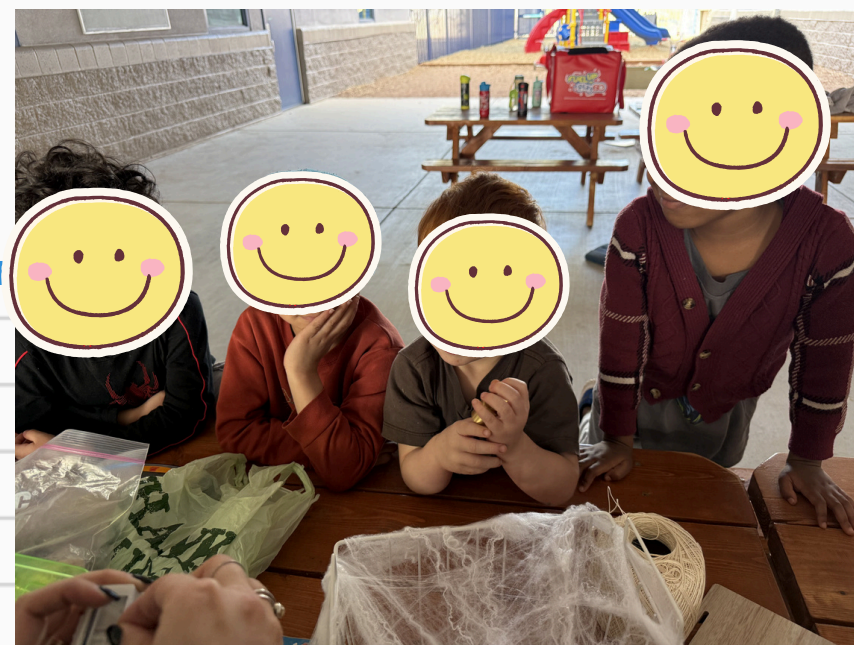
×					×
×					×
×	×				×
×	×	×	×	×	×
Silly String	Rope	String	Duct Tape	Sticky Hands	Halloween Webs



PROCEDURES



1. Take the first material and fasten it to the basket to make a web.
2. With the material secure, place one weight on the web.
3. Add additional weight until weight falls through.
4. Record data.
5. Repeat steps 1-4 for each material.



RESULTS

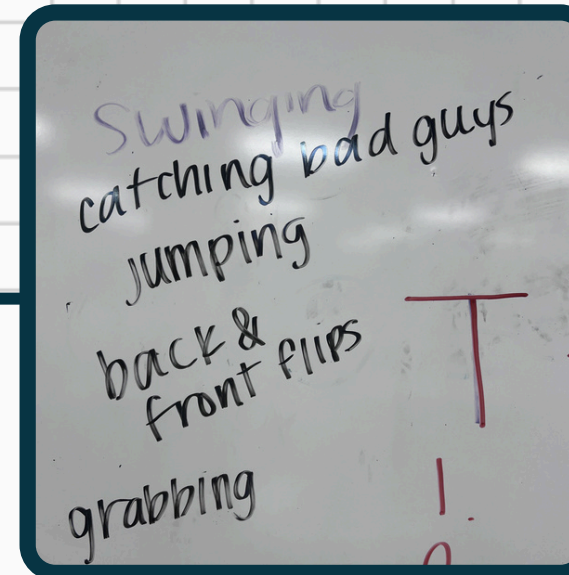
We discovered that the duct tape was able to make the strongest web.



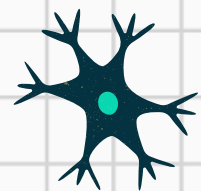
DISCUSSION



In terms of practicality, one of the strings would be better. We revised our design, with the rope, and it worked, but it took a lot of time.

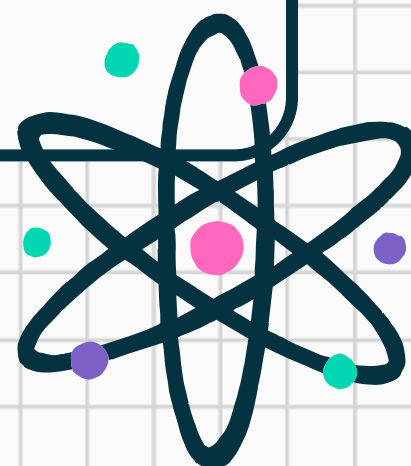


It would also benefit from meeting the different elemental requirements for Spidey's webs.



FUTURE

In the future, we could investigate different materials that better meet the requirements or test the effectiveness of swinging versus stationary weight.



REFERENCES



<https://study.com/academy/lesson/video/what-is-weight-in-science-lesson-for-kids.html>



[Allain, R., 2014. The Physics of Spider-Man's Webs.
https://www.wired.com/2014/04/the-physics-of-spider-mans-webs/](https://www.wired.com/2014/04/the-physics-of-spider-mans-webs/)