

Hi! Thank you for visiting <u>thehomeschooldaily.com</u> ! So glad you were able to find a school tool you can use. Please feel free to use this activity for your own personal use or if you are the main teacher in a coop setting. I provide this free resource to encourage others to homeschool their own.

If you would like to share the file with others, I ask that you share by sending them a link to my website or to the page that hosts the file. Please do not send them a link directly to just the PDF file (the file you are at now).

You may not sell, copy, or alter my files as your own. You may not host my files on your own website without linking them to <u>thehomeschooldaily.com</u> or giving proper attribution to <u>thehomeschooldaily.com</u>.

May you be blessed on your homeschooling journey.



What Magnet is the Strongest? Version 1

We offer a few different versions of the "What Magnet is Strongest" lab because the needs of a class are different based on size, ability, and time. This version of the lab requires students to predict and test but does not analyze the data as thoroughly as other versions. In this case, you can probe and ask the class questions verbally. This lab was used with our science co-op as a hands-on investigation into magnets. We discussed how size and shape of a magnet does not always determine its strength. Happy learning!



What Magnet is Strongest?

In this lab, you will predict and test the strength of 5 different sized and shaped magnets. How many paperclips do you think each magnet will attract? Next, test your predictions.

	How many paperclips do you think the magnet will attract?	# of Paperclips the magnet attracted
Magnet #1		
Magnet #2		
Magnet #3		
Magnet #4		
Magnet #5		

- 1.) What magnet was the strongest?
- 2.) What magnet was the weakest? _____
- 3.) Is there a magnet that surprised you? Why? _____