

This is optional summer fun, but extra credit is possible!

Summer Science BINGO 2021

If you are looking for a little science fun this summer, try to get “BINGO” - complete 5 activities in a row vertically or horizontally (no diagonals in this game!). I can’t wait to hear about your experiences!

If you’d like to take it up a notch, complete the *’d part of the activity and be ready to submit via Google classroom on the first day of school (don’t do it ahead of time as you won’t be in your “new” grade-level classroom). You may earn up to 5 points of extra credit - to be used at ANY point during the 2021-2022 school year, on any assignment. If you read a book or watch a show, be sure to identify the book and author or show. Your submissions can be in Google Docs or Google Slides.

<p>10 min. each of 3 different exercises that each use a different muscle group (push-up, biking)</p> <p>*Identify the muscle(s) and log your efforts</p>	<p>Try to identify 10 different types of insects in your yard</p> <p>*Photograph and identify them</p>	<p>Watch a science-themed movie (like The Boy Who Harnessed the Wind, Hidden Figures)</p> <p>*Write a one-paragraph summary</p>	<p>Be inspired by a scientist! Read and learn about Mary & Louis Leakey, paleo-anthropologists</p> <p>*List 3 cool things they did</p>	<p>Try an at-home science experiment that involves Earth Science! (Be safe and get your parents' permission)</p> <p>*Take photos or a video</p>
<p>Try an at-home science experiment that involves Chemistry! (Be safe and get your parents' permission)</p> <p>*Take photos or a video</p>	<p>30 min. of chores that provide exercise (raking, dusting)</p> <p>*Identify how the chore provides "exercise" and log your efforts</p>	<p>Identify 5 new plant types (try the Seek app by iNaturalist)</p> <p>*Photograph and identify them</p>	<p>Explore an episode of "Our Universe" (Netflix) or NOVA: Looking for Life on Mars (PBS.org) or similar</p> <p>*Name the episode and list 3 cool things you learned</p>	<p>Be inspired by a scientist! Read and learn about Mae Jemison or Neil Armstrong, astronauts</p> <p>*Write a one-paragraph summary</p>
<p>Be inspired by a scientist! Read and learn about Louis Pasteur, biologist/chemist</p> <p>*Write a one-paragraph summary</p>	<p>Try an at-home science experiment that involves Physics! (Be safe and get your parents' permission)</p> <p>*Take photos or a video</p>	<p>FREE SPACE Make up your own way to move more for 30 min.</p> <p>*Identify any muscle groups you exercised & log your efforts</p>	<p>Find a new trail that you haven't visited before</p> <p>*Make notes of at least five cool plants, insects or animals you encounter</p>	<p>Watch a science-themed TV show</p> <p>*List 3 cool things you learned</p>
<p>Explore an episode of "Our Planet" (Netflix), "Wild" Series (Disney+) or similar (try PBS.org)</p> <p>*List 3 cool things you learned</p>	<p>Be inspired by a scientist! Read and learn about Dr. Richard Doll & Dr. John Snow, epidemiologists</p> <p>*Write a one-paragraph summary</p>	<p>Try an at-home science experiment that involves Biology! (Be safe and get your parents' permission)</p> <p>*Take photos or a video</p>	<p>10 min. ea of 3 (new) different exercises that each use a different muscle group</p> <p>*Identify the muscle groups & log your efforts</p>	<p>Look for animal tracks in the mud and try to identify the animal</p> <p>*Take a photo of the tracks and identify the animal</p>
<p>Identify 3 native plants and one invasive species in your yard or a nearby park.</p> <p>*Take photos and label the species.</p>	<p>Make your own science video about the insects or plants you found! (we'd all love to see it)</p> <p>*Submit video</p>	<p>Be inspired by a scientist! Read and learn about a famous scientist from a field you like!</p> <p>*Write a one-paragraph summary</p>	<p>Try an at-home science experiment/ project that involves Space! (Be safe and get your parents' permission)</p> <p>*Take photos or a video</p>	<p>Learn the science behind your favorite sport and work on improving your technique</p> <p>*Write a summary and document your progress</p>