

## 7th Grade Science Summer Bingo

B	I	N	G	O
Use a piece of clay to make a 3D model of a flower. Be sure to label the structures inside the flower.	Find ten things in your house that you can recycle that may have been put in the regular garbage.	Pick a challenge card from <a href="https://www.jamesdysonfoundation.com/resources/challenge-cards.html">https://www.jamesdysonfoundation.com/resources/challenge-cards.html</a> and take a photo of the challenge.	Name and explain five different and unique careers you can have if you study biology in college.	Research dominant and recessive human traits (genes). Make a list of 10 different dominant traits and indicate which of those dominant traits you actually have.
Make a birdfeeder out of recyclable items. Need bird food? Email Ms. Kingery.	Make three different paper airplane designs and see which one flies the straightest and longest.	Bake a treat with a parent's help and explain what science is involved in your kitchen creation.	Collect 5 different tree leaves outside. Use the internet to identify each tree name and glue all leaves into a booklet with your new information.	Visit code.org and describe three new things you learned about coding and computer science.
Review the best inventions from 2020 at <a href="https://time.com/collection/best-inventions-2020/">https://time.com/collection/best-inventions-2020/</a> Explain your top three choices.	Read an article about a famous biologist. Explain 5 facts about that person's importance as a scientist.	Choose three different animals you see in your yard and draw a food chain for each animal.	Choose one type of aquatic ecosystem then using three plants and three animals explain how they help keep that ecosystem healthy and in balance.	Plant some seeds from a fruit or vegetable you have in your kitchen. Take a photo of its growth.
Draw a 5 panel comic strip that explains the relationship between a predator and prey that can be found in Illinois.	Use recyclable items from around the house to make a model of DNA. Be sure to label the parts of DNA.	Draw a map of the sea voyage of Charles Darwin and label different discoveries he found at six different locations around the Earth. Be sure to include the Galapagos Islands!	Design and make a boat out 6 square inches of aluminum foil. How many pennies can it hold?	Write a set of interview questions you would ask a scientist of your choice and write the answers to your questions as seen through the scientist's eyes.
Create an 8-question mini quiz using multiple choice questions about cells. Be sure to have 4 choices for each question and don't forget to include the answer key!	Go to: <a href="https://www2.nau.edu/lrm22/lessons/predator_pre/predator_prey.html">https://www2.nau.edu/lrm22/lessons/predator_pre/predator_prey.html</a> Use the information and graph to explain how populations of prey depend on the predator population.	Choose either a tundra or grassland and identify at least four adaptations that plants and animals need to survive in that biome.	Write a letter to a friend about how photosynthesis works and provides food for plants and oxygen for animals.	Design and make a device that insulates an ice cube to prevent it from melting. Explain the science behind your device.