Science Summer Choice Board

Rising 5th Graders: During the summer complete each activity in the box. You may print this out and write a check in the box once you have finished the activity. The goal is to complete the entire choice board before summer is over.

Track Moon Phases: Over two weeks, record the moon phases and what time you see the moon. How did the moon change over that period? 	**Nature Scavenger Hunt:** Create a list of natural items (leaves, rocks, insects, flowers, nonflowering plants, etc.) you can find in the park or your own backyard. Now go for a nature walk to find them. Draw and write your observations in a nature journal to record what you see.	**Rain Gauge:** Make a simple rain gauge from a plastic bottle to measure rainfall. Record daily measurements and learn about weather patterns. What weather patterns did you see this summer?
Bubble Science: Experiment with different bubble solutions and wands to see what makes the biggest or longest lasting bubbles. Bubble solution can involve different amounts of water, soap, sugar, or corn syrup. Use pipe cleaners to make different wands. What bubble solution worked best and why?	**DIY Volcano:** Use baking soda, vinegar, and food coloring to create a volcanic eruption. Change the amount of baking soda or vinegar to see if you can make a bigger reaction. This is a great illustration of chemical changes. How did the baking soda and vinegar change after you combined them? 	**Water Cycle in a Bag:** Seal some water (add food coloring if you want) in a Ziplock bag and tape it to a sunny window. Observe condensation, evaporation, and precipitation happening inside the bag. How did the water move in the bag?