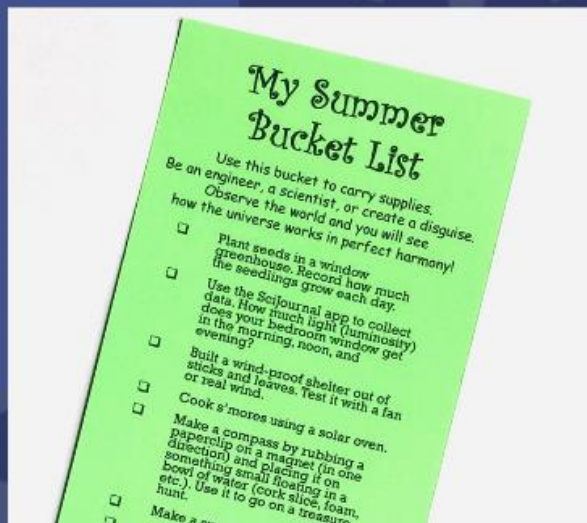


# Summer STEM

# Bucket List



*A great end-of-year gift for students!*

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- Claire & Natasha, The Vivify Team

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# My Summer Bucket List

Use this bucket to carry supplies.  
Be an engineer, a scientist, or create a disguise.  
Observe the world and you will see  
how the universe works in perfect harmony!

- Plant seeds in a window greenhouse. Record how much the seedlings grow each day.
- Use the SciJournal app to collect data. How much light (luminosity) does your bedroom window get in the morning, noon, and evening?
- Built a wind-proof shelter out of sticks and leaves. Test it with a fan or real wind.
- Cook s'mores using a solar oven.
- Make a compass by rubbing a paperclip on a magnet (in one direction) and placing it on something small floating in a bowl of water (cork slice, foam, etc.). Use it to go on a treasure hunt.
- Make a sun dial!
- Build a wind powered car.
- Create a scavenger hunt using science and engineering characteristics (eg. "Something that gets energy from the Sun", or "a lever").
- Cook a meal, double the recipe to bring to a neighbor or friend.
- Find as many geometric shapes in nature as you can. Design a new flower!
- Make different shaped bubble wands out of pipe cleaners. Which shape blows the best bubbles?
- Use the iNaturalist app to learn about a new plant or creature and share it with the scientific community.
- Learn a new skill (eg. Sewing, fishing, cooking, calligraphy, etc.)
- Write a song about how something works.
- Make a list of questions you have about the world and make a plan to discover the answers!

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