

# At Home STEM Scavenger Hunt

STEM is everywhere! Have your students look for it in their homes in a friendly competition, and then discuss their findings.

## Materials Needed

Teacher will need a list of items for students to find, and a timer if the activity is being done “live.”

## Procedure

Students will search for requested STEM items around their house.

## Teacher Notes

Fun on an “on-line” platform, with students searching for one item at a time, with a time limit. Also, could be done as an assignment, with the class convening after all of the items are found—or in a specified time period. Keeping score is optional, e.g., one point earned for a correct item, bonus point for arrival back to the screen first—if doing this live. You could also add points for the most creative find, etc.

## Examples of Scavenger Hunt Items

1. Find something with which you can measure a volume of water. (Discuss items they find: Ease of use? Ability to compare values? Units? Accuracy?)
2. Find something that floats. (Discuss: How did you define floating? Sinking? What do you know about items that float/sink? How can a large cruise ship that weighs 200,000 tons float?)
3. Find something that will allow you to measure the circumference of your head. (Discuss: Ease of use? How will you compare your value to others? Units? Accuracy?)
4. Find an invention that you can improve. (Discuss: What would you change in this invention to improve its use? How does your change affect the: safety, cost, use, longevity, etc. of the item?)
5. Find something that can change its shape. (Discuss: From what is your item made? Describe how your item changes from shape to shape, and under what conditions?)
6. You could challenge students to suggest items for which to hunt—they must be specifically STEM, or math, or technology, etc. The discussion of their items could be interesting.

## Resources:

<https://letstalkscience.ca/educational-resources/lessons/a-stem-scavenger-hunt>