

In this activity, your group will be given a digital (or cell phone) camera that you will use to discover your surroundings in more sophisticated ways. Your group will be given 25 min to find 15 of these 20 items. Rather than taking the actual item, your group will be taking a clear picture of the item as evidence. Your group is responsible for making sure that digital image is an accurate physical representation of the criteria you chose to select. Be responsible with the technology, have fun, and happy hunting!

Your Discover Hunt List of Items:

1. Two parallel line segments that are each longer than 1 m.
2. A circle with a radius longer than 12 in., but shorter than 24 in.
3. A naturally occurring object that weighs about 2 kilograms.
4. A container that would hold more than one cup of liquid, but less than one pint.
5. A sphere that has diameters greater than 50 mm.
6. A triangle that has a perimeter between 20 cm and 30 cm.
7. A book that is about 20 millimeters thick.
8. A writing utensil that weighs more than 5 g, but less than 7 g.
9. An object that is taller than 1 m, but shorter than your tallest group member.
10. A metallic object that weighs about 10 g.
11. A cone with a height greater than 2 in., but shorter than 5 in.
12. A rectangular prism that can fit in the palm of your hand.
13. An item made of paper that weighs between 1 lb. and 3 lb.
14. An item that can be found one meter from the ground or the floor.
15. A two-dimensional object that has two right angles.
16. A cylinder that has a volume of almost 1 L.

McKeny, T., Sturgill, D., Foley, G. (in press). Teaching notes for Tales, tasks, tools, and talk. In D. Thiessen (Ed.) *Exploring Mathematics through Children's Literature, 2nd Edition*. Reston, VA: NCTM.

17. A rectangular object with an area close to 4 sq. ft.
18. An object that is 4 in. long that could be eaten.
19. A container that could hold more than 25 gal.
20. A picture in which your group members AND AT LEAST TWO OTHER PEOPLE strike a creative geometric pose.