

Materials (one set for each small group)

- 4 Popsicle sticks
- 6 toothpicks (the round kind with two pointed ends)
- 2 plastic drinking straws
- 8 rubber bands (average to large sizes)
- 1 square sheet of aluminum foil
- 2 paper cups
- 1 paper plate
- 1 plastic sandwich bag (zip or fold-over closure)
- 6 paper clips (4 large, 2 small)
- 1 plastic or metal can without lid (about 16 oz. size)
- 1 bottle top (twist-off)
- 2 wire twist-ties
- Scissors (to be used in building the project, not as part of the finished product)

Project Requirements

1. Use at least 25 of the 35 objects supplied
2. Finished project must be a single, interconnected unit
3. It must produce two different sounds
4. There must be at least one sliding component
5. Include a compartment in which a project part is hidden
6. Parts must intersect to create at least one right angle
7. One part must have a vertical orientation
8. Another part must have a horizontal orientation