

MATERIALS LIST

FOR DESIGN ACTIVITIES

This list includes some recommended materials to use while engaging in engineering activities with children. These are simply suggestions, feel free to add or adapt as it makes sense for you! You can use this list with children as a scavenger hunt activity to prepare for design activities. Be sure to consider the age of the children to ensure that materials are safe for their use, and supervise as necessary.

CRAFT MATERIALS

- | | |
|----------------------------------|------------------|
| Popsicle sticks | Velcro |
| Chenille stems/
Pipe cleaners | Clothespins |
| Beads | String/Yarn |
| Blocks | Paper Clips |
| Clay | Paper (any kind) |
| Model Magic | Felt |
| Playdough | Cotton balls |
| Aluminum foil | |



RECYCLED MATERIALS

- | | |
|-------------------------------|---|
| Cardboard pieces | Elastic bands
from produce |
| Egg cartons | Fabric scraps |
| Coffee stir sticks | Jars |
| Packing peanuts/
Styrofoam | Clean food containers
(e.g., yogurt) |
| Bubble wrap | Toilet paper roll/
Paper towel roll |
| Shoe boxes | Paper bags |
| Corks | |
| Newspaper/
Magazines | |



NATURAL MATERIALS

- | | |
|---------|-----------------|
| Bark | Acorns |
| Sticks | Pine cones |
| Pebbles | Seeds/Seed pods |
| Dirt | Flowers/Petals |
| Sand | Rocks |
| Leaves | |



TOOLS

- | | |
|-----------------|---------------------|
| Tape (any kind) | Screwdrivers |
| Scissors | Screws |
| Glue sticks | Bolts |
| Hot glue gun | Pliers |
| Stapler | Magnet |
| Hole punchers | Sandpaper/
Rasps |
| Hammers | |
| Mallets | |



MORE MATERIALS!

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_____	_____
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TIP: To make collecting recycled materials easier, we recommend keeping a designated box or bag handy (e.g., in a closet or corner of the room).



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