

CHALLENGE #1:

Design an obstacle course for your favorite toy (stuffed animal, action figure, doll, or car)

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CHALLENGE #3:

Come up with 3 alternative uses for each of the materials. What could they be used for other than their first purpose?

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CHALLENGE #5:

Build a bridge that can support at least 1 pound. Can it hold 5 pounds? 10 pounds? More?

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CHALLENGE #7:

Pick a special event that has occurred in your life. Design a sculpture or monument to commemorate the event. Host an unveiling for your family.

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CHALLENGE #9:

Design a game that can be played with family and friends. (For an example, look at Mouse Trap or other escape games)

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CHALLENGE #2:

How tall can you build a tower out of the materials? Can it withstand the wind from a box fan?

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CHALLENGE #4:

Pick your favorite animal and design a house/habitat for them using found objects.

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CHALLENGE #6:

Look for a problem around your house, neighborhood, or community. Build a device that can address that problem.

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CHALLENGE #8:

Build a miniature model of your ideal "fort", "treehouse", or "dream house."

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CHALLENGE #10:

Create a miniature stage and puppets, then put on a puppet show for family and friends.

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