

MATERIALS

You can use any materials you find in your Maker Space.

REQUIRED MATERIALS

- clip board
- paper
- pencil
- Mr. Bear (a stuffed teddy bear)

IDEAS FOR BUILDING

- Legos
- Cardboard
- Connects
- Tongue depressors
- Styrofoam
- Duck Tape



CHAIR FOR MR. BEAR

IMAGINE

A safe chair for Mr. Bear to sit in.

CREATE

Create a prototype chair that keeps Mr Bear from falling backwards, forwards, to the left and to the right.

PLAY

Put Mr. Bear in your prototype chair. Does he stay in the chair wit out falling backwards, forwards, to the left or right? Can your chair pass the engineering drop test?? (Will it stay together if you drop if from the middle of your shin to the floor?)

SHARE

Share your prototype with your teacher and classmates.

REFLECT

Think about your prototype. Did it do what you hoped it would? What did you like about it? What could you change to improve it?

IMAGINE

Now that you have reflected on your first prototype imagine a newer chair for Mr.Bear. What would you add? What would you change?

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