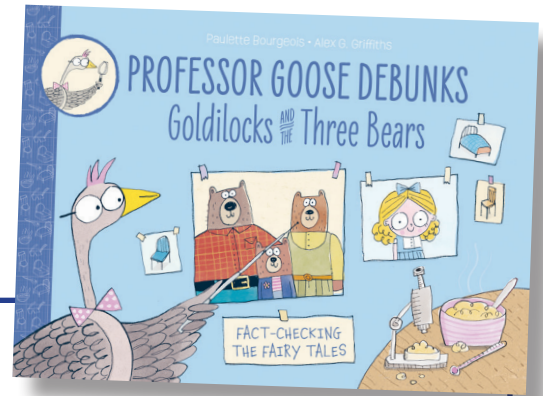


BUILD A CHAIR FOR A BEAR

Calling all budding engineers – you can make a sturdy chair with things from around the house!



What you'll need:

- 3 square pieces of cardboard, about 24 cm on each side (ask an adult to help you cut out the pieces)
- 4 empty toilet paper rolls (make sure you've already used up all the toilet paper on them, HA!)
- 1 cardboard egg carton
- craft glue
- some scrap paper or newspaper
- tape (wide tape like duct tape or masking tape works best)
- 2 craft or lollipop sticks, about 20 cm long
- a sharp knife or scissors – ask for an adult's help when using!

Step 1: Make the seat of the chair

To make a sturdy seat, we'll make what I like to call a seat sandwich! Take a sheet of scrap paper and roll it into a tight tube like a straw, then tape it at both ends so it stays rolled up. Make enough straws to cover one square of cardboard. This is the filling to the sandwich!

Next, glue the straws to one side of a cardboard square, then take a second square of cardboard and glue it on top to complete the seat sandwich. (Warning: it tastes terrible – do not eat!) Trim any bits of straw that are sticking out of the sandwich.

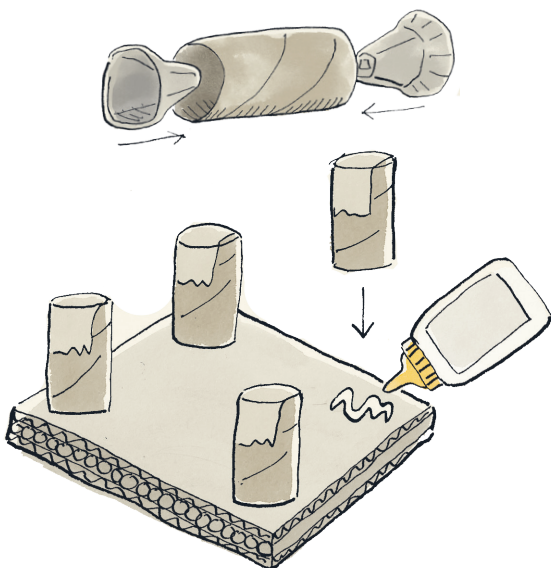


Step 2: Build the legs

For the legs, we'll use the toilet paper rolls, the egg carton and tape. The toilet paper rolls will be the legs, but they need to be reinforced before we can stick them on the chair.

Separate the egg carton into at least 8 cups. (Use your hands to tear it or ask for an adult's help with scissors.) Now, squish one cup into each end of the toilet paper rolls, then seal it in place with tape.

Glue the end of one toilet paper roll to each corner of the seat sandwich. You've got a fine stool now, but keep going if you want to make a chair with a back!



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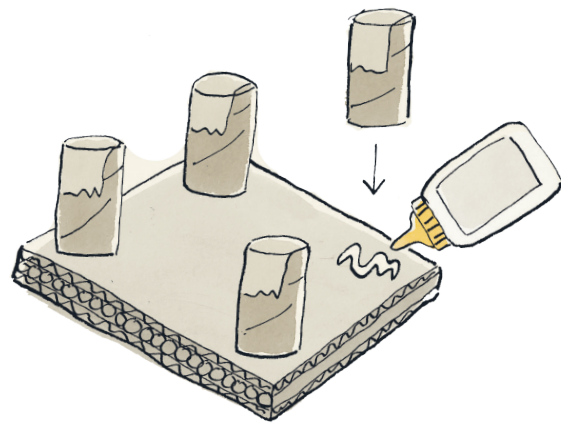


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Glue the end of one toilet paper roll to each corner of the seat sandwich. You've got a fine stool now, but keep going if you want to make a chair with a back!



Step 3: Build the back

To make the back of the chair, we'll use our remaining piece of cardboard, our craft sticks, glue, a sharp knife or scissors – and an adult! The craft sticks will go into the seat and help the back of the chair stand up.

Pick a side of the seat. With an adult's help, use the knife or scissors to cut 2 horizontal slits the same width as the craft sticks into the top and filling of the seat sandwich. Gently slide the craft sticks into the slits until they hit the bottom of the seat sandwich.

Now tip the chair over so the craft sticks are flat on your work surface. Apply some glue to the craft sticks, then put your remaining piece of cardboard on the glue.

Once the glue dries . . . congratulations! You've engineered a chair. Now you're ready to invite a bear to lunch.

But don't give her porridge!

