A bed for Goldilocks

Goldilocks has snuck into the home of the three bears and is borrowing baby bear’s bed for a nap. When the bears get home, the mama and papa bear are angry, but baby bear feels sorry for Goldilocks because she doesn’t have her own bed at home. He suggests they build her a bed of her own. Your job is to build a bed that is just right for Goldilocks.

You will need:
- An index card or piece of cardstock
- A printed Goldilocks
- 6 pennies (use washers or other coins if you can’t find pennies)
- Tape
- Ruler
- Whatever else you want to use from your recycling bin or house

The bed must be:
- At least 2 inches off the ground
- Big enough for Goldilocks to lay on it
- Strong enough to hold her up
- Have a space in the middle big enough to stick your ruler through

Directions:
1. Make your Goldilocks. Print and cut out Goldilocks (page 3) and tape 6 pennies to the back of your Goldilocks to make her a bit heavier. Color her in if you like!
2. Check the recycling bin and see what you might have to work with.
3. Draw a picture of your design.
4. Build your design and test it. Did it work? If not, how could you fix it?
5. Send your teacher a picture or drawing of your design and tell us what you used to build it!
Extra challenge:

Print out the bear family and attach weights to them. See if they will fit or break the bed you designed. Fill in the chart below to reflect what you used for weights and whether the bed was strong enough and large enough for each character. You may need to make adjustments to your design!

Baby: 8 pennies
Mama: 12 pennies
Papa: 18 pennies

<table>
<thead>
<tr>
<th>Character</th>
<th>Goldilocks</th>
<th>Baby Bear</th>
<th>Mama Bear</th>
<th>Papa Bear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
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<tr>
<td>Is the bed large enough?</td>
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<tr>
<td>Is the bed strong enough?</td>
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</table>
Name: ________________________

What materials did you use to build your design?

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________________________________________________________________________

What does your design look like?