

Paper Beads 6-8

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Lesson

Forests cover 30% of the earth's land, but we cut down some of those trees for many reasons. To make room for housing developments, highways, Farm land & to make things like paper, houses & furniture. Cutting down trees to be used for something is ok, but deforestation is when all the trees in an entire forest are cut down by humans on purpose. The loss of trees starts a chain reaction including loss of vegetation, increased greenhouse gasses in the air, flooding, fewer crops and soil erosion. The loss of trees also means animals. In some areas like Oregon, logging companies are required to replant trees & rotate where they source from. By Reducing our use of & reusing & recycling paper products, we can help the trees. Also try planting a tree where you live, & work to regrow your areas tree canopy.



Questions for Students

- Why do we need trees?
- What will happen if there are no trees left?
- What will happen if deforestation continues?
- What are some things we can do to help?
- Why is it important to recycle paper products?
- How can you reduce your paper use?

Materials

- * Old Magazines or Newspaper
- * Liquid Glue
- * Scissors
- Yarn, String or Ribbon
- Paint brush
- * Cylinder to wrap around such as a pencil, paintbrush, BBQ Skewers or



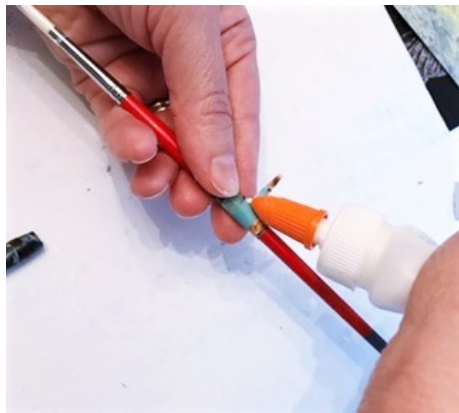
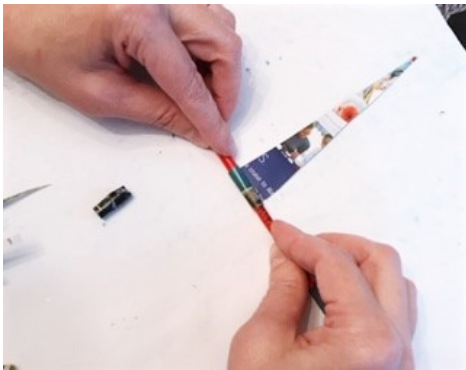
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Instructions



1. Think of colors you like & find some pages of a magazine/newspaper that have those colors & tear them out.
2. Cut them into triangles. The longer they are, the thicker the bead. The wider the base of the triangle is, the longer the bead. Have fun & experiment with different sizes! You can use the attached pattern if you need help getting started. Once you start making them, try the different patterns to mix & match.
3. Take a triangle & wrap it around your cylinder. I used the handle of a paintbrush.
4. The thicker the cylinder you use, the bigger the opening of the bead is. Keep that in mind for what you use to string them with.
5. When you get near the end, put a tiny drop of glue on the paper to keep the end down. Keep rolling the paper & use your finger to smooth the end down.
6. Let it sit for a minute or start another one down further on the cylinder while it dries then slide them off.
7. Optional-You can also coat all the beads with glue to seal them. Let them dry & make sure they do not stick to each other or your cylinder.
8. Once you get a pile of beads, start stringing them to make your creations! What a lovely home made gift.



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Other Learning Resources

Books To Read About Trees & Deforestation

The Vanishing Rainforest by Richard Platt

The Great Kapok Tree by Lynne Cherry

Learn About Trees & Deforestation

<https://www.worldwildlife.org/threats/deforestation-and-forest-degradation>

<https://www.youtube.com/watch?v=KMudRLPZidg&feature=youtu.be>

<https://www.youtube.com/watch?v=lc-J6hcSKa8>

<https://www.conserve-energy-future.com/various-deforestation-facts.php>

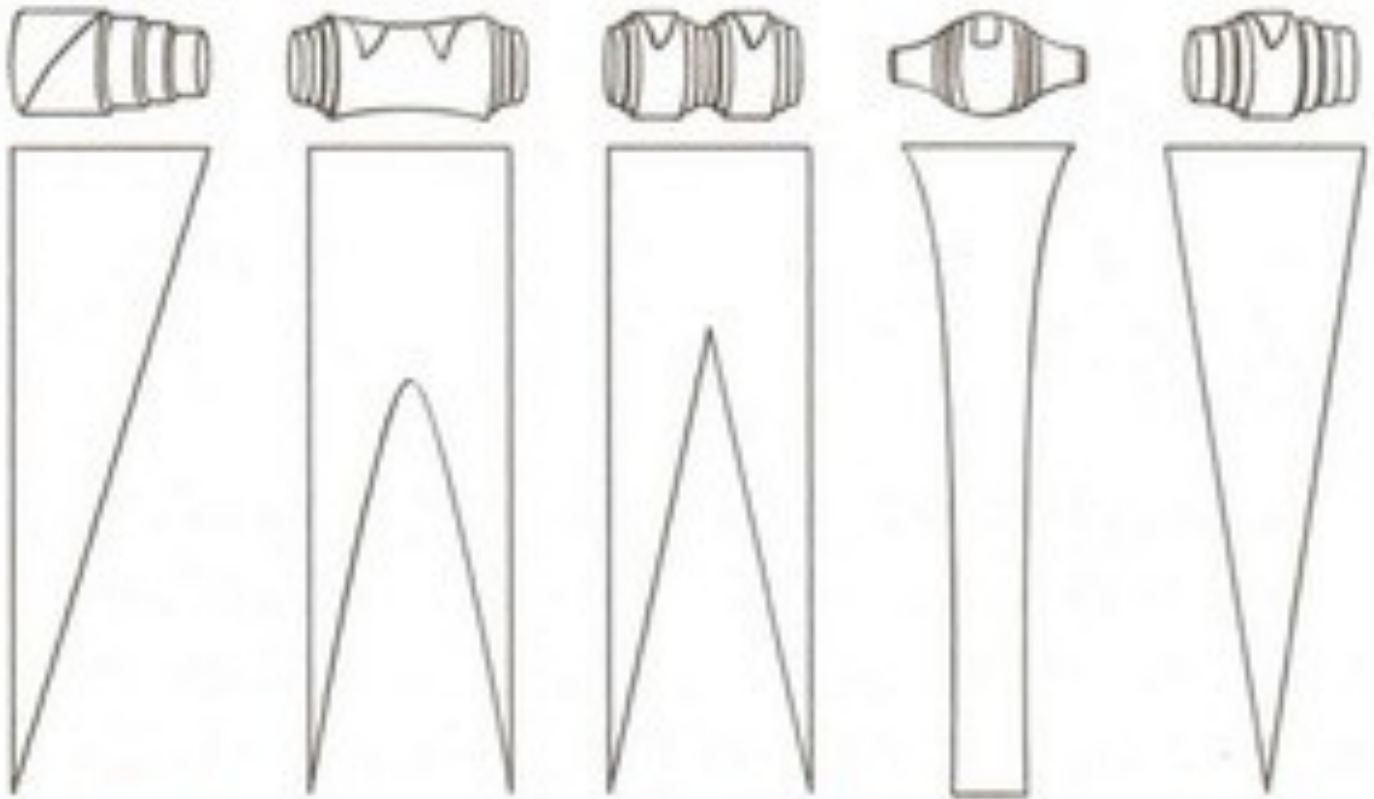
<https://www.theworldcounts.com/stories/How-Can-We-Stop-Deforestation>

Watch How To Recycle Paper:

<https://www.youtube.com/watch?v=isEV-mCFPiY>



Bead Templates



Variations you can use to get different paper bead shapes.