

Trash to Treasure

Telescope

Supplies Needed

- Cardstock
- Cardboard paper towel tube
- 2` Cardboard toilet paper tube
- Stickers
- Markers
- Glue
- Double sided Tape or plain tape
- Paper Clips

1. Glue a piece of cardstock over a cardboard Paper towel tube.



2. Repeat step 1 with one of your toilet paper tubes.



3. Next roll up another piece of card stock to place inside your paper towel tube. Make sure it is a little looser. This way it slides in and out. Tape or glue it to maintain the



4. Now cut off about an inch of your second toilet paper tube. Repeat step 1

5. Place this piece over your rolled-up paper.



6. Decorate your telescope with stickers or markers³
7. Pull the tube to make your telescope longer.



Things to do with your new Telescope

Younger children: Telescopes are great for watching things from a different perspective. Go outside or look out a big window. Ask your Girl Scout what she sees through her telescope

Older children: Have your Girl Scout go outside with the telescope around dusk. She can look across the sky to find stars, airplanes, satellites—maybe even a shooting star. Use an app or a book to look up constellations together and see if she can find some of them.

Trefoil Cereal Box Purse

Supplies Needed

- Cardboard Cereal Box
- Trefoil Pattern
- Scissors
- Glue
- Designer Paper
- Hot Glue Gun
- Ribbon, robe (anything to make your handle)

1. Open your cereal box along the seams.
2. Trace your pattern on the inside of the box 2 times.



3. Cut out your pattern. Be sure not to cut the thin sides of the cereal box keep them and trim off the flaps.
4. Trace your pattern on your designer paper 2 times for each side. And cut out them out.



5. Trace your thin sides on your designer paper. Again 2 times one for each side and cut them out.



6. Now glue all your designer paper to your cereal together. I used Mod Podge. You can use any glue you have on hand.
7. Punch a hole on each end of your



8. Using a hot glue gun (younger girls have an adult do this for you) Glue all your pieces together. Line your edges with ribbon if you want to.



9. Attach your handle using the holes you punched in your sides earlier. ALL DONE!



Cardboard Tube Aliens

Supplies Needed

- Cardboard toilet or paper towel tube
- Paint (any color you want, I used green)
- Foam brush
- Pipe cleaners
- Pom poms
- Google eyes
- Construction paper

1. Paint your cardboard tubes. Let dry.
2. While your tubes dry cut out a set of ears, a mouth, and teeth for your Alien
3. Now glue your ears, mouth, and teeth onto your Alien.
4. Fold your pipe cleaner in half. You can either cut it or just leave it folded.
5. Glue pom poms to one end of the pipe cleaners.
6. Glue eyes to your pom poms if you want eyes on them
7. Glue pipe cleaners to the top of your tube.
8. Congratulations you now have your very own pet Alien



Macaroni Box Book

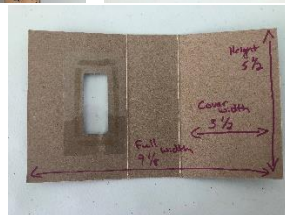
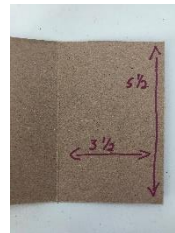
Supplies Needed

- Empty cardboard box (you can use anything you have)
- Paper for Book Signatures
- (I used 10 sheets for each of my signatures. Folded in half it made 20 sheets per signature)
- Decorative paper
- Glue (Mod Podge works well) Any glue will work.
- Paper Piercer or awl (I used a small nail and hammer)
- Needle
- Embroidery Floss (I used hemp cord for my book. Use what you have)

1. Open your box along the seams and cut off the flaps.



2. Measure your box. Height and Cover width and full width



3. Cut your decorative paper to fit your box. Using Height and full width measurements. One sheet for inside one for the outside.

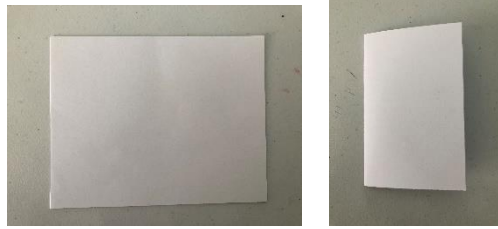


4. Glue paper to the box.

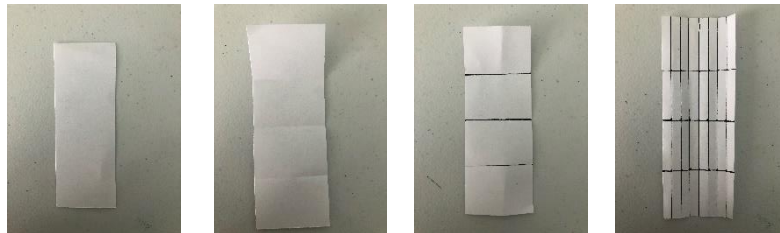


5. Now to make your signatures
6. Use your height and cover width

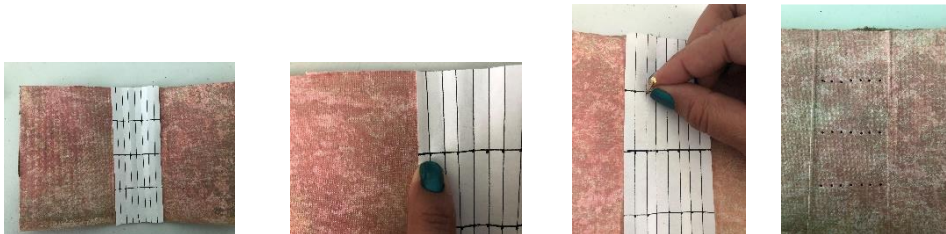
7. You will cut your paper to the exact height measurement. (I.E. mine was 5 ½)
8. Now double your width measurement and cut. (I.E. mine was 3 ½ so I cut my paper at 7)
9. After you cut your paper. Fold your paper in half on the width side. Evenly separate your paper into the number of signatures you need. (I made 7 for mine)



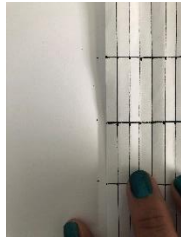
10. Now use a piece of paper the same size as the spine
11. Make three horizontal lines. This will make the piercing points to sew your book together
12. Mark off as many vertical lines you need for the number of signatures you made.



13. Pierce your book spin at all the intersections of the grid guide you made.



14. Pierce your signatures in the creases on the three horizontal lines.



15. Take your first signature and line it up with the first row of holes. Coming from the outside of the spine insert the needle into the center hole leaving a tail of couple of inches.



16. Go Back out the center hole and then back in the bottom hole.

17. Go back in the Top hole and back through the center hole again.



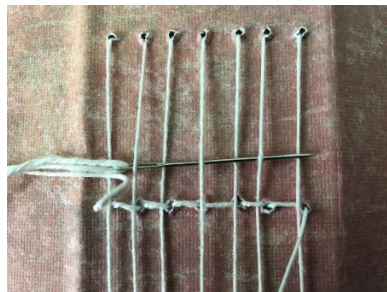
18. You have completed your first signature.

19. Take your second signature and line it up with the next row of holes.

20. Repeat Steps 13-15. Continue repeating until all signatures are in.

21. You should end with your thread on the outside.

22. Weave your thread up and down through binding until you get back to the starting side where you beginning tail is.



23. Tie a knot and trim strings.



24. You can complete your book here or if you wish to cut a piece of designer paper to cover up your strings as I did in the sample.



25. You have now created your own book

