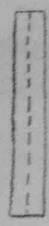
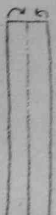
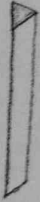


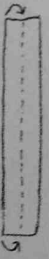
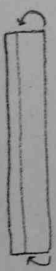

Plan your coaster & build it BACKWARDS!! (from the bottom up)
 MAKE CRISP CREASES IN ALL OF YOUR FOLDS!!

SUPPORTS:

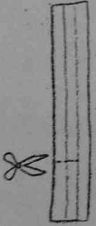
- 1 To make the supports, make the first fold a hot dog fold 
- 2 Next fold the top edge and the bottom edge to the center crease created from step 1. 
- 3 Open up your folded paper & overlap the 2 outside folds. From the end, the paper will look like a triangle 
- 4 Use 3 short pieces of tape to hold it together.

HINT FOR SUPPORTS - IF YOU DID NOT CREATE YOUR FOLDS OR IT LOOKS CROOKED, I WOULDN'T USE IT


TRACKS:


- 1 To make the tracks, make the first fold from the bottom edge to the middle of the paper 
- 2 Next fold the top edge into the crease you created during step 1. 
- 3 Open up your folded paper. From the end it should look like 

BENDING TRACKS:

- 4 Use a pair of scissors to cut through the first crease & right up to the second crease. 

MAKING LOOPS & COKE SCREWS

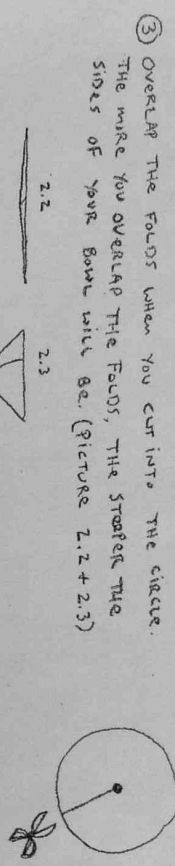
- 1 MAKE THE FOLDS FOR A STRAIGHT TRACK
- 2 MAKE CUTS IN THE PAPER ON BOTH SIDES UP TO THE FIRST CREASE. THE CUTS SHOULD BE ABOUT 1 CM APART. 
- 3 BEND THE PAPER OVER THE BOTTOM OF A CUP OR A ROLL OF TAPE. USES VERY SMALL PIECES OF TAPE TO HOLD IT TOGETHER.
- 4 REPEAT THE PROCESS FOR BOTH SIDES.

HINT: YOU MAY NEED TO TAPE 2 STRAIGHT TRACKS TOGETHER TO GET ALL THE WAY AROUND. 

Funnel:

To make a funnel, understand that this is a 2 step process.

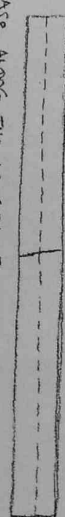
- 1 Use a compass to create a circle.
- 2 Cut a hole in the middle of your circle just big enough for a marble to fit through. (Picture 2.1)



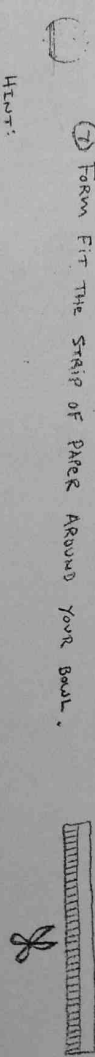
- 3 Overlap the folds when you cut into the circle. The more you overlap the folds, the steeper the sides of your bowl will be. (Picture 2.2 + 2.3)



- 4 To make sure your marble doesn't fly out of the bowl, you need to make a rail. Begin by taping 2 strips of cardstock together.
- 5 Make a long hot dog fold.



- 6 Cut up to the crease along the length of the paper. Cut should be about one cm apart. (Picture 3.1)



- 7 Form fit the strip of paper around your bowl.

Hint:
If you turn the funnel on its side, you might be able to get the marble to roll back + forth much longer.

Half Pipe: Figure it out for yourself. The key is in the supports.



Another option: Cut the paper from the corner to the center. Overlap the cut edges + tape into place.

