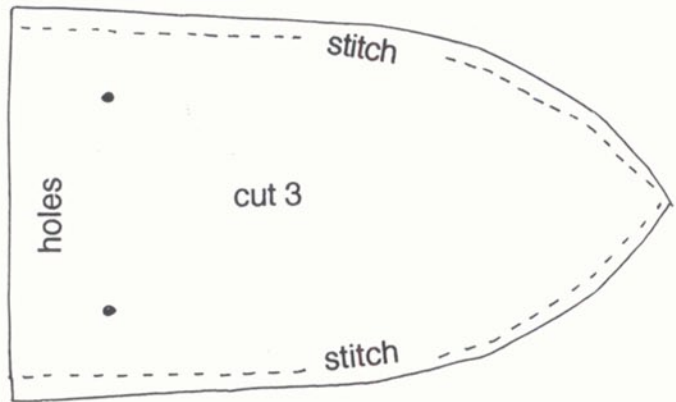


Marvelous Marbles

Make your own Marble Bag

materials:
leather or heavy felt, a shoe lace, scissors, heavy needle, quilting, thread, an awl, a hammer

Do:
trace the pattern onto your leather and cut it out. If you are using felt this will be simple, leather however can be difficult to cut, so be careful. Sew the section together as indicated by the dotted lines. Using the awl tap holes (as indicated in the drawing.) Lace the shoe lace through the holes and tie the ends together. Because this is a 3 section bag it will hold a great many marbles. Bring your handmade marble bag to The Toy Boat and will give you a FREE marble to begin, (or add to) your collection.



Would you like to learn more about the history of marbles? Ask a Toy Boat staff member for a copy of the Marble History leaflet. They are FREE.

Other uses for marbles:

- lining of spawning beds in fish hatcheries
- as an agitator to mix liquid in aerosol cans
- in pinball machines
- used by undertakers to roll caskets into wall crypts



Sand-marble Bowling

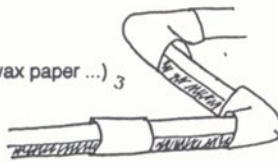
need:
paper, marker or pen, marbles, tooth picks, scissors

Do:
Cut small pendent shaped flags out of the paper. You can cut as many or as few as you want. Begin with 5 and add more later if you want to. Number the flags. Using the tips of the toothpicks poke holes in the edge of the flags and lace the paper onto the sticks.

To play the game:
Flatten an area in the sand. Stick the flags in the sand in any order you want to try. Draw a line in the sand about a foot away from the flags. Shoot your marbles towards the flags. See how many of the flags you can hit without missing. This is a good game to play by yourself or with other friends.

Marble Raceways

NEED:
empty paper tubes (recycle from paper towels, toilet tissue, wax paper ...)
marbles
tape (duct tape works the best)
scissors
knife
pencil
pieces of heavy paper or light cardboard



DO:
Separate the tubes into piles placing those of the same diameter in one pile and those of various diameter in a second pile. The ones that are all the same diameter will be the raceway. Lace the tubes together in a manner similar to those in the sketch. To make the curves you will need to cut a V shape 3/4ths of the way through a tube and fold it on an angle. Secure it with a piece of tape. To lengthen the run cut stripes of cardboard that are about 4" wide and as long as you want. Curve this strip and slide the ends into the opening of a tube. Tape it in place.

TO PLAY:
To operate your raceway you will have to set it up on a slant so the marble will roll downward. You can make these as simple or elaborate as you want depending on your imagination and the number of tubes you have.



Postage Stamps?
Would you like to see marbles on postage stamps? Write and ask the postal service to consider the idea.
US Postal Service
Stamp Advis. Committee rm 5800
475 L'Enfant Plaza West, SW
Washington DC 20260-6352



Would you like a copy of The Toy Boat's Machine Made Marble Collector List?
Ask for a FREE copy .