DARTBOARD

This dartboard uses Velcro darts instead of sharp-tipped metal darts, making it safe play for the whole family. Velcro-wrapped table tennis balls are easy to make, but this dartboard is also good with a toy darts shooter, if you have one.
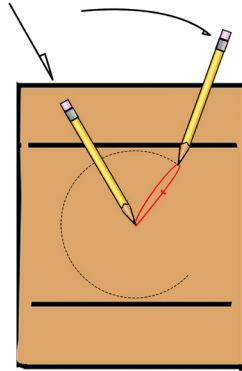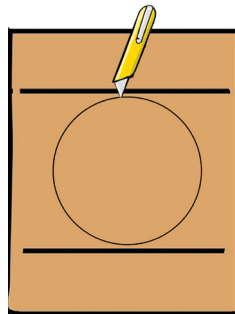
INSTRUCTIONS

1 Tie the ends of the string together to create a loop that is as long as the radius of the dartboard you'd like to make.
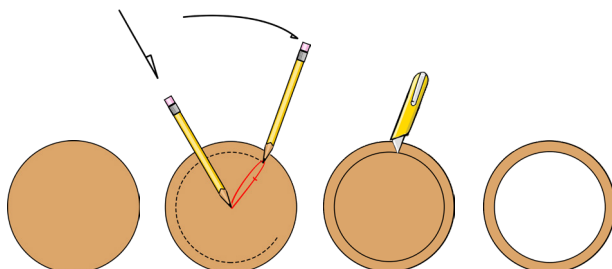
2 Use the tip of one pencil to anchor one end of the string loop in the center of one piece of cardboard. Slip the tip of the other pencil around the end of the string loop and use the string to draw a circle, as shown. Repeat on second piece of cardboard. Use a utility knife to cut out a circle from each piece of cardboard. (Adults only for the cutting!)
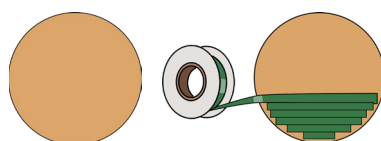
3 Shorten the string loop by an inch or so and repeat the circle-drawing technique on one cardboard circle. Use a utility knife to cut the cardboard, creating a ring.

4 Cover most of the second piece of cardboard with Velcro tape, using the hook side of the tape. Leave some cardboard at the edges uncovered. (The "darts" will stick to the Velcro. The non-covered spots are where the cardboard ring will adhere to the base.)
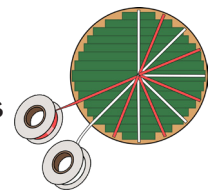
5 Use a ruler and pencil to mark where the divisions for each section of the dartboard should go, as shown. A conventional dartboard has 20 sections; for this dartboard, we recommend having fewer—eight if children will be the primary dart players; 12 if adults will be using it.
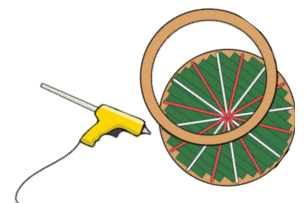
6 Affix hook-side Velcro strips onto the cardboard base to create the dartboard's sections as shown, using the pencil markings as your guide.
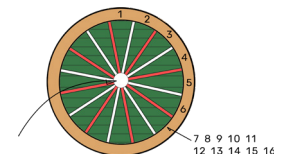
7 Use a hot glue gun to glue the ring to the base, as shown.

8 Affix the Velcro circle in the center of the dartboard, using the hook side. Add adhesive numbers on the outer ring to mark the point value of each dartboard section.
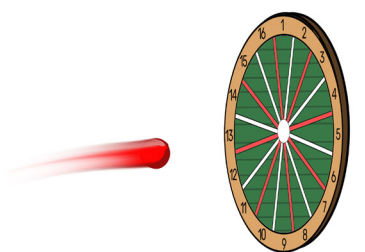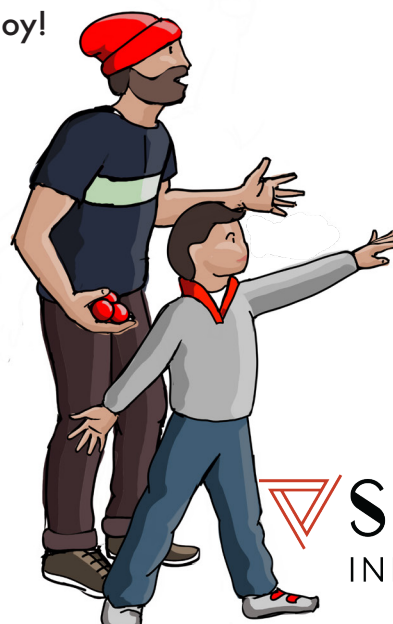
9 Cut two pieces of loop-side Velcro tape. Wrap around table tennis balls in a criss-cross pattern.

10 Enjoy!

SPITFIRE INDUSTRY