

Making the Earthball

1. Trim across the top and bottom of the Globe Gores. Carefully cut out these gores, keeping them joined at the equator like a chain.

TRIM TOP AND BOTTOM FIRST

TAKE TIME TO DO A GOOD JOB

2. Wrap these gores around a tennis ball. Join the equator into a circle with a bit of clear tape.

MATCH ENDS OF EQUATOR

3. Set the tennis ball on a small jar, with the gores pointing up and down.

a. Tape an opposite pair of gores so their points *just* touch. Turn the ball over. Tape the *same* pair to just touch on the other side.

MATCH OPPOSITE PAIRS

SMALL STRIPS OF TAPE.

SMALL JAR

b. Repeat until you join all 12 gores, all points touching, top and bottom.

4. Pad your finger with 3 short layers of masking tape. Push a pin straight into the ball at each pole (where the gores meet) so it sticks straight out about 1/2 cm.

1/2 cm: ACTUAL SIZE

NORTH POLE

ARCTIC CIRCLE

EQUATOR

ANTARCTIC CIRCLE

SOUTH POLE

ADJUST EACH PIN TO STICK STRAIGHT OUT.

EarthBall Stands and Sun stands

The best stand for the Earthball is an Ozarka water bottle cut off at the top quarter.
The best stand for the flashlight is a 9 oz. clear plastic tumbler.

