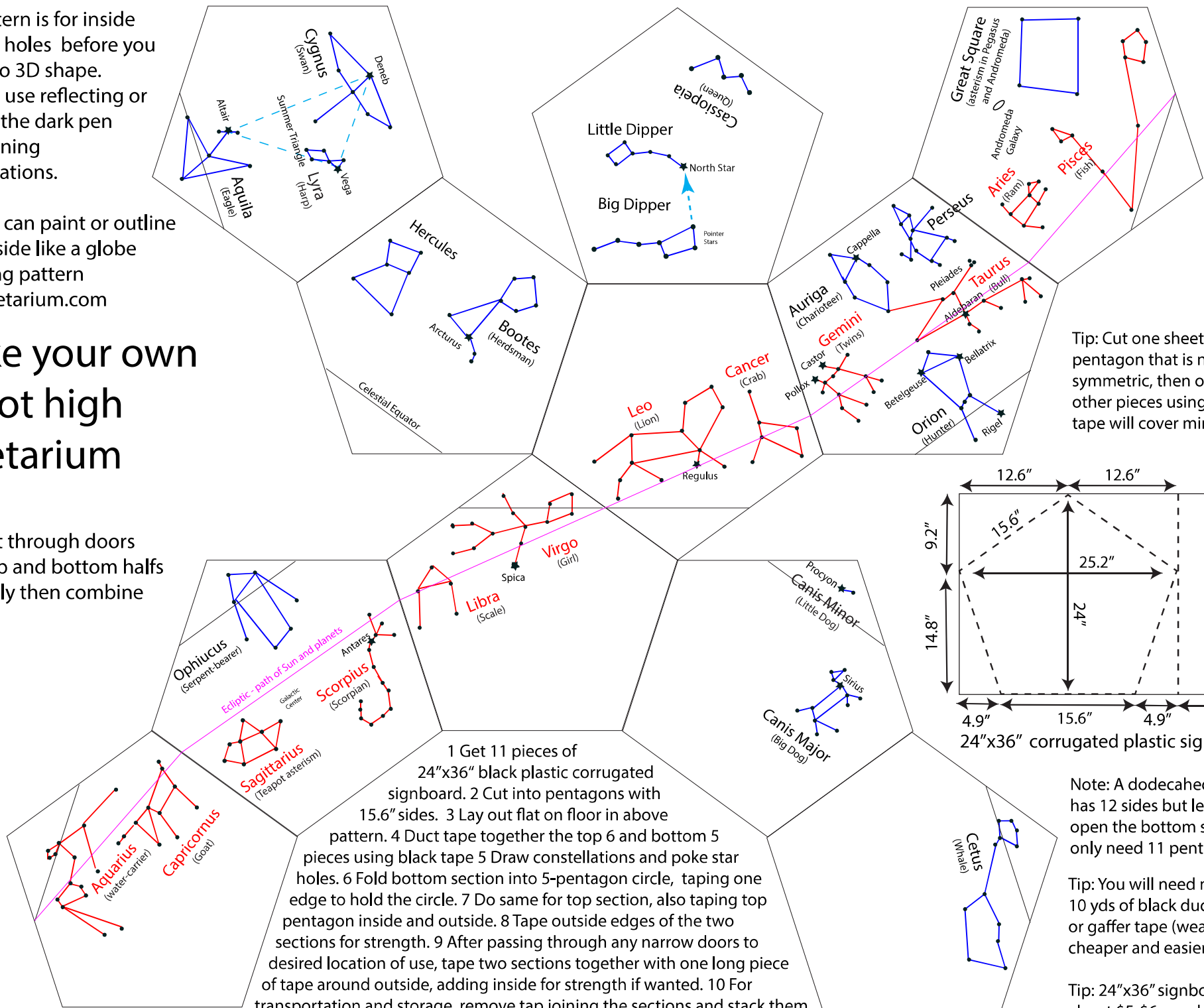


Tip: Pattern is for inside so poke holes before you tape into 3D shape. You can use reflecting or glow in the dark pen for outlining constellations.

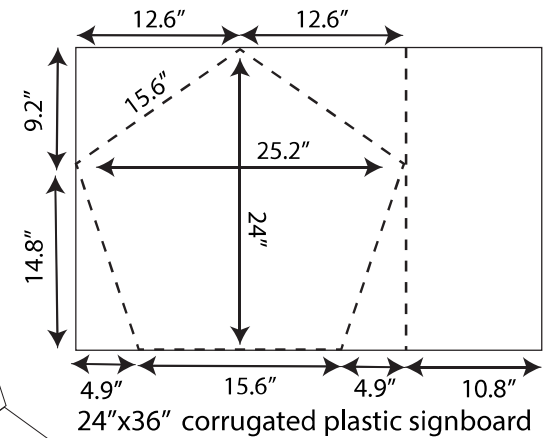
Tip: You can paint or outline the outside like a globe following pattern at Globetarium.com

# Make your own 3-foot high Kidetarium

Tip: To fit through doors make top and bottom halves separately then combine



Tip: Cut one sheet into pentagon that is nice and symmetric, then outline other pieces using it. The tape will cover minor flaws.



- 1 Get 11 pieces of 24"x36" black plastic corrugated signboard.
- 2 Cut into pentagons with 15.6" sides.
- 3 Lay out flat on floor in above pattern.
- 4 Duct tape together the top 6 and bottom 5 pieces using black tape.
- 5 Draw constellations and poke star holes.
- 6 Fold bottom section into 5-pentagon circle, taping one edge to hold the circle.
- 7 Do same for top section, also taping top pentagon inside and outside.
- 8 Tape outside edges of the two sections for strength.
- 9 After passing through any narrow doors to desired location of use, tape two sections together with one long piece of tape around outside, adding inside for strength if wanted.
- 10 For transportation and storage, remove tap joining the sections and stack them.

Note: A dodecahedron has 12 sides but leave open the bottom so you only need 11 pentagons

Tip: You will need more than 10 yds of black duct tape or gaffer tape (weaker but cheaper and easier to use)

Tip: 24"x36" signboard is about \$5-\$6 per sheet online