

Planet Visors

Adapted from a design by Julie Taylor

Not an actual scale size or distance activity.

Materials Needed:

Construction Paper Strips - cut in 1" X 18" lengths

Stapler(s)

Planet/star stickers

Scissors (optional)

Staple Strips in This Order	Construction paper strips 1" wide X 18" length strips # and color	Strip Color Represents	Visor Order for Stickers	Tear or Cut Strips to This Length
First	1 - black This strip will circle around head. Adjust until the visor is snug. Once adjusted and stapled, cut off remaining length.	Space	(circles around head) no sticker	18"
next	1 - yellow	Sun	Sun	8"
next	4 - red	inner rocky planets (warmer)	Mercury Venus Earth Mars	9" 10" 11" 12"
next	1 - black	Asteroid Belt	3 or 4 "stars"	13"
Last	5 - blue	outer gaseous planets (colder)	Jupiter Saturn Uranus Neptune Pluto	14" 15" 16" 17" 18"

Directions for Assembling Visor:

- Variations for Measuring strips:
 - Cut all the strips 18" in length, staple them together at one end. Have students place strips on table in front of them. Leaving the final blue strip (#10) on table, fold the other nine strips to the side. Keeping the last blue strip 18", have students fold back the second blue strip (#9). Using a ruler, tear/cut one "measured" inch from its length making it 17". Continue this process with the next strips (#8 to #2). Except for the top black strip that remains 18", the end product will look stair-stepped with the yellow strip (Sun) being the shortest at 8" and the last blue strip (Pluto) being 18".
 - Cut the number of color strips in lengths of 18" and let the student measure and cut to correct lengths. Staple them ("stair stepped") in the order listed above.
- Make sure all 10 strips are stapled together at one end. Leaving the outer black strip separate, overlap the loose ends of the other nine strips, starting with yellow. The strips will curve to form the front visor rings. There will be a little space between each ring. Staple these overlapped ends together. Holding visor in front of the student's head, circle the single black strip around the back. Create snug fit. Remove visor, staple the black strip to the other stapled ends and cut off extra length.
- Have students place appropriate planet/star stickers, facing out, on each ring.