

# GEOBLOX

## Cuesta

### Instructions:

1. For best results, copy this pattern onto cardstock.
2. Before cutting out the model, color the parts using the coloring key.
3. Cut along the solid lines.
4. Use a blunt pair of scissors to crease along the dashed lines.
5. Assemble the *Base* by gluing the tabs to the inside of the model.
6. Attach the *Angle of Dip* to the *Base*.
7. See image of completed model below.

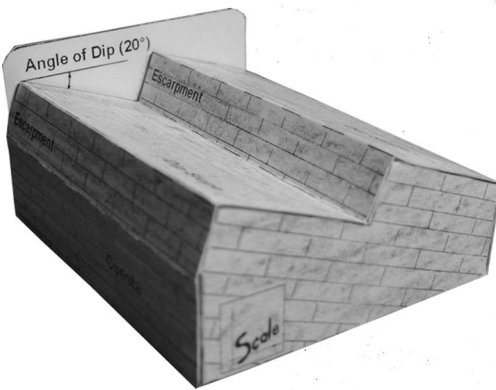
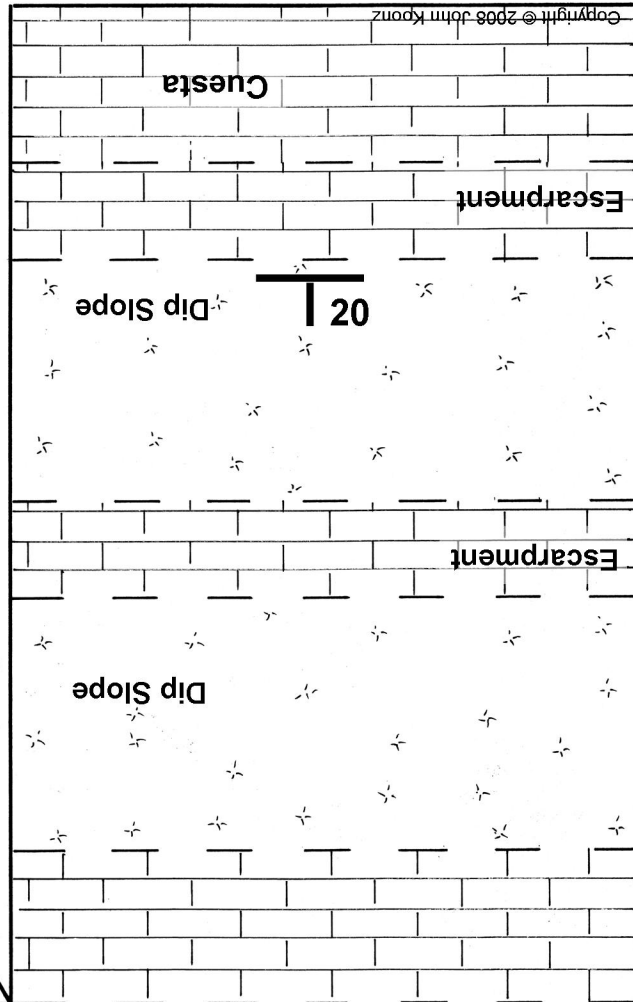
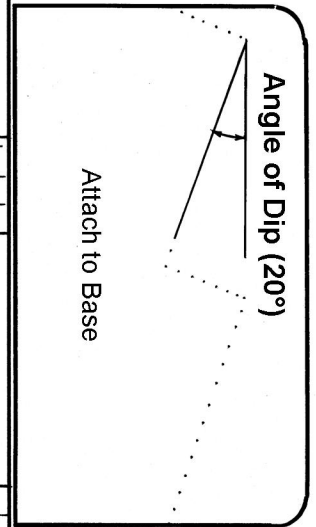


Image of completed model



Base

Angle of Dip



**Color Key:**

- Surface Vegetation (green)
- Limestone (tan)

Cuestas are homoclines formed by the regional uplifting of sedimentary rock layers. This uplifting, and later erosion, results in a series of ridges of relatively resistant rock. Cuestas are asymmetrical with a steep slope on one side of the ridge, and a gentler slope on the dip side of the ridge. Hogbacks are similar landforms with more symmetrical slopes.

**Scale** 100 m

Attach Angle of Dip here