A fully rendered model of the Advanced Light Source building at Lawrence Berkeley National Lab. When complete, the top of the model hinges open to reveal illustration of the main components of the ALS including the accelerator and the beamlines, where experiments are done.

What you’ll need

- Scissors or X-Acto blade
- Tape or glue

How to Make It

**Dome:** Affix the long tab to the underside of the adjacent wall, forming a cone, then bend the tabs under.

**Dome Wall:** Form the wall into a circle. Affix the long tab to the underside of the opposite end of the wall.

Fit the Dome over the Dome Wall and affix the tabs to the insides of the Dome Wall.

**Roof:** Fold blue wall and tabs as shown. Affix short wall tabs underneath Roof as shown.

Place the Dome on the top of the Roof. Affix the tabs to the underside of the Roof.
**Walls:** Fold the **Walls** as shown in the diagram. Join the two parts of the **Wall** together at the long tab, **Wall A** on top of **Wall B**. Fold the short tabs underneath.

**Base:** Starting at point **B**, align the **Wall** to the inside of the shaded area. Working along the edge of the shaded area, start affixing the **Wall** tabs to the **Base**.

Attach **Roof Wall** tabs to **Base** at Point **A**, aligning the wall along the shaded area.

Insert **Floor** on top of **Base**, inside the **Walls**.

And, you're done!
Roof

- Affix to underside
- Fold back
- Remove center
Align the wall along this edge.