

Hands-On Activity

Lesson 6: Flat Patterns

In this activity, students will cut and fold pre-designed flat patterns to create 3D shapes. If the students have access to the 3D printed versions of the solutions, they will use those to check their answers.

Integration with the Spatial Vis™ App

- This activity goes with the Lesson 6: Flat Patterns
- The activity can be done at the end of the [Lecture on Flat Patterns](#).

Preparation Before Class

Items Needed:

- Cardstock Paper
- Printer
- Scissors
- Print the 3 flat patterns (attached below) on cardstock. One for each student.

Activity

- Cut out each flat pattern.
- Students fold **OUT** on the red dashed lines (meaning red line will end up outside of fold) and **IN** on green dotted lines (meaning green line will end up inside of fold).







