

## Cycle 3, Week 2- Liberty Bell (Mirror Image)

### Age 10-11

#### Materials:

- Blank drawing paper
- Liberty Bell print-outs
- Pencils
- Liberty Bell print-out and marker for tutor demonstration

1. Have students fold their paper in half. Students draw a shape or line on the left side, based on the OILS vocabulary you dictate. They then pass the paper to their neighbor who completes the mirror image on the right side. Pass the paper again, repeating the process several times. (5 minutes)

2. Pass out Liberty Bell images. Based on your class, decide whether to lead them through as a group, or let them complete the drawing at their own pace.

If you draw as a class: Go slowly, doing the drawing section by section. Students follow along with you, studying the lines and discussing what they see.

If students draw at their own pace: Walk around discussing the lines and shapes with individual students. If a student is particularly struggling, walk through the drawing with them, but do not draw on their paper for them.

**Note:** It may be helpful to have students trace the difficult lines on the left hand side to “feel” how they go. Then they can draw the mirror image of that line on the right.

3. You can give a little history about the Liberty Bell here, including the crack down its side.

4. Draw the crack on your Liberty Bell paper, talking about the angled lines you are using. Students then draw it on their paper.

5. Have a quick discussion about what a mirror image is: Does adding the crack mean that it is no longer a mirror image? Why? Why not?

6. If time allows, add shading lines on the right hand side of the bell.

# *Liberty Bell*

