

NOTE: Today is a computer lab lesson. Make sure you have signed up for the computer lab in advance.

TITLE OF LESSON

Geometry Unit 1 Lesson 40 – Group Project

Prove it! What's on the outside? What's on the inside? Of Geometry

TIME ESTIMATE FOR THIS LESSON

One class period

ALIGNMENT WITH STANDARDS

NETS for Students 1-5

MATERIALS

Copies of the class created rubric

LESSON OBJECTIVES

- To begin to demonstrate understanding of the basic tools in Photoshop to use them to create a pleasant/creative/interesting visual presentation
 - To use layers and layer placement to enhance the relationship among shapes
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FOCUS AND MOTIVATE STUDENTS

- 1) Homework Check – Stamp/initial complete homework assignments. Pass back graded work and have students place in the appropriate sections of their binders.
 - 2) **Agenda** – Have students copy the agenda.
 - 3) Computer Protocol – Remind students of the computer lab etiquette you have established for your class and the consequences for any misbehavior. Remind them to save their work, as you will not be responsible for any lost or deleted work.
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ACTIVITIES – INDIVIDUAL AND GROUP

1. Project Work – Tell students they have this and the next class to finish their projects. They should have plenty of time, but it will take focused efforts. Tell them they will have the entire period to work on their projects.
 2. Save – Remind them to *save often!*
 3. Clean Up – Five minutes before the end of the period, ask students to save their work, shut down computers, clean up work stations, and push in chairs.
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HOMEWORK

None

GROUP ROLES

Recorder – Your job is to make sure to document your group process by recording what you do to create or define each shape.

Illustrator – Your job is to manage the overall appearance of your group's image. You will be the designer for the project.

Researcher – Your job is to find any images your group doesn't have and to check details about geometric shapes.

Help Desk – Your job is to find/figure out, ideally using Photoshop Help and reference sheets you've gotten in class, how to do anything (within reason) that your group wants to do.

DOCUMENTATION FOR PORTFOLIO

None