

**NOTE: This is a computer lab lesson. Please make sure you have signed up for the computer lab in advance.**

TITLE OF LESSON

Geometry Unit 1 Lesson 15 – Group Project: Photoshop Basics Part II  
*Prove it! What's on the outside? What's on the inside? of Geometry*

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TIME ESTIMATE FOR THIS LESSON

One class period

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ALIGNMENT WITH STANDARDS

California – Geom:

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MATERIALS

**Photoshop Basics, Part II** – Student Page  
**Photoshop Desktop** – Student Page  
**Photoshop Tools and Palettes** – Student Page  
*Stadium.psd* – Image  
*Kayak.psd* – Image  
*Ferriswheel.psd* – Image  
*Tomatoes.psd* – Image  
hole puncher

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LESSON OBJECTIVES

- To begin to work with the selection tools in Photoshop
  - To begin to understand how to organize information by layers
  - To begin to create a sense of group by working together
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FOCUS AND MOTIVATE STUDENTS

- 1) Homework Check – Stamp/initial complete homework assignment. Pass back graded work and have students place in the appropriate sections of their binders.
  - 2) **Binders** – Collect binders to grade this evening. Students should be graded on thoroughness (Are all assignments and notes present?) and organization (Are all assignments, notes, etc. in the appropriate sections and in order by date?)
  - 3) **Agenda** – Have students copy the agenda.
  - 4) **Computer Protocol** – Review the computer lab etiquette you have established and the consequences for any misbehavior.
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ACTIVITIES – INDIVIDUAL AND GROUP

1. Project Groups – As students come in today, have them sit in their project groups. Part of the class, you'll be working as a whole class, but eventually they will be working together as a group to struggle through the activities. They will all be working at their own computers, still learning the basics, but when they need help they should seek it from a teammate rather than from you.
2. Discussion – (5 minutes) Ask students what they remember about Photoshop from lesson 5. Most of lesson 5 they spent learning about image sizes and resolutions and color modes. Today they will begin to work within the images themselves, learning what some of the tools do. Have them take out their **Photoshop Desktop** and **Photoshop Tools and Palettes** for reference. Remind them that the toolbox is divided into sections. The top section is primarily for selectors and the second section down contains tools used for painting. They will be working with the top section today so review the labeled in the top section on **Photoshop Tools and Palettes**.

3. Photoshop Lecture/Activity – (15 minutes) Hand out **Photoshop Basics, Part II** while students turn on their computers and open Photoshop. They should take notes on the tools since they may forget them by next week. As a class, quickly go over the beginning section about palettes and the introductory paragraphs about tools.
4. Photoshop – (30 minutes) After this, allow students who can work through this on their own, in their groups, to continue through the tools in **Photoshop Basics, Part II**. If you have any students who will need more guidance, you can work with them as a small group. Be sure to circulate from time to time to see how others are doing.
5. Wrap-up and Homework Review – Today you covered the selection tools students will need for their projects. Next week, they will learn the basic painting tools. The following week, you will revisit the project demos so they will see how much they've learned and they will also be able to begin their projects. Quickly remind students of their homework (same as last night).

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HOMEWORK

For Lesson 16: Note ten objects, buildings, roads or anything else in the configuration of one of the types of angles described in class this past week.

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GROUP ROLES

None specifically, but group members have to help one another when help is sought.

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DOCUMENTATION FOR PORTFOLIO

None