



**Grade Level:** 4 - 6

**Curriculum Area:** Science and Language Arts

**LA Frameworks:**

ELA-5-E2 locating and evaluating information sources (e.g., print materials, databases, CD-ROM references, Internet information, electronic reference works, community and government data, television and radio resources, audio and visual materials); (1, 3, 4, 5)

ELA-5-E4 and ELA-5-M4 using available technology to produce, revise, and publish a variety of works; (1, 3, 4)

ELA-4-M2 giving and following directions/procedures; (1, 4)

ESS-E-B1 observing and describing the characteristics of objects in the sky; (1)

**Lesson Objectives:**

Students will use the Internet to find facts about the planets.

Students will work in cooperative groups to design a travel brochure for a planet.

Students will use a desktop publishing program to create a travel brochure for a planet.

**Technology Connection:** Internet and Desktop Publishing

**Assessment:** The rubric to assess the Brochure and the teacher review of the Daily Log Sheet.

**Procedures:**

1. Divide students into groups and assign each group a planet to research.
2. Using the Nine Planets web site, each group will research their planet to gather information to place in a brochure.

**\*Sample Planet Research Sheet included**

**<http://seds.lpl.arizona.edu/nineplanets/nineplanets/nineplanets.html>**

3. Groups will then create a brochure for their assigned planet that includes the following information using a Desktop Publishing program.

Rotational period	Distance from the sun	Revolution Period
Diameter	Order of planet from sun	Surface characteristics
Atmosphere	Who discovered planet	Satellite information
Fast Facts	When discovered	At least 4 pictures

\*Reasons why someone should visit this planet

\*Names of each person working on brochure (especially after each section)

4. Students will be evaluated on the following criteria:

Inclusion of Pictures from Internet

Use of color and spacing

Organization of sections into logical sequence/order

Correct spelling, grammar

Correctness of facts included in brochure

Giving appropriate credit to each group member for his/her contribution

**<http://www.lpb.org/opom>**