



Lesson Plan



Compare and Contrast Planets Using a Venn Diagram

Grade Level: 4- 6

Curriculum Area: Language Arts and Science

LA Frameworks:

ELA-5-E2 locating and evaluating 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-M-C2 comparing and contrasting the celestial bodies in our solar system; (2, 4) ESS-E-B1 observing and describing the characteristics of objects in the sky; (1)

Technology Connection: Internet and Word Processing

Assessments: Answers on data collection sheet; The rubric to assess Venn diagram; oral explanation of Venn diagram

Procedures:

1. Discuss the usefulness of using Venn diagrams to compare and contrast information, and discuss with the class how to construct and read one.
2. As a class, decide what information about planets they would like to compare and contrast in a Venn diagram.
3. Prepare a data collection sheet for gathering facts that students have decided to compare and contrast. (This can be done as a class or by the teacher.)
4. Use the Internet, books about planets, encyclopedias, and/or textbooks to locate the facts that will be compared and contrasted.
Useful Internet sites include:
<http://seds.lpl.arizona.edu/nineplanets/nineplanets/nineplanets.html>
<http://www.solarviews.com>
5. Work with another group (having a different planet) to compare and contrast facts gathered from references and organize information into appropriate categories on data collection sheet.
6. The students will use the Venn diagram template to complete the assignment or prepare their own Venn diagram using the Draw program on their computer (if available).
7. The students will share their Venn diagrams with the class.

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