

## Aviation Pioneers: Past, Present and Future

**Grade Level:** K-2

**Subject Area:** Language Arts

**Outcome:** Students will learn about various aviation pioneers from the past, present and future. They will be able to illustrate pictures of aviation pioneers and create a hall of fame to display their pioneers.

**Instructional Focus:**

- Select several informational texts showcasing a variety of aviation pioneers in the past, present and future such as *Flying High, Pioneer Women in American Aviation* by Mitchell and House, *Charles A. Lindberg*, and *Aviation Pioneer* by Wise and Sagsooran.
- Focus on the Primary Benchmark will be Main Idea/Chronological Order/Supporting Details, L.A.A.2.1.1. Secondary Benchmarks that can be addressed are Vocabulary L.A.A.12.3 and Comparison/Contrast L.A.A.2.2.7.
- Critical Concept Vocabulary- *pioneer* – mapped concept of definition map. Also use vocabulary found from informational texts used.
- Graphic organizer - Concept Map (Web), teacher discusses pioneers in aviation, and creates a timeline of these individuals from the past, present and future.

**Grouping for Instruction:** : Teacher directed whole group, small cooperative groups of 4 students.

**Materials:**

- Books on aviation and aircrafts (one book for each group)
- Drawing paper, construction paper
- Crayons
- Magazines
- Internet access

**Before:**

1. Discuss the meaning of the words *pioneer*.
2. Define for students the characteristics of an aviation pioneer and what they might be known for.
4. Select a text and display the cover discuss what they see and predict what they might be reading about.

**During:**

1. As you read, stop when you come to a person or have found more information about an aviation pioneer you have already discussed and add the new information on the web.
2. Share more books with the students such as *Flying High, Pioneer Women in American Aviation* by Mitchell and House, and *Charles A. Lindberg, Aviation*

*Pioneer* by Wise and Sagsooran, or any grade appropriate text to give students background on different pioneers who have made a contribution to aviation.

3. Share with students information on Barrington Irving and his scheduled departure around the world on March 23, 2007, (Additional information can be found on [www.experienceaviation.org](http://www.experienceaviation.org)).

**After:**

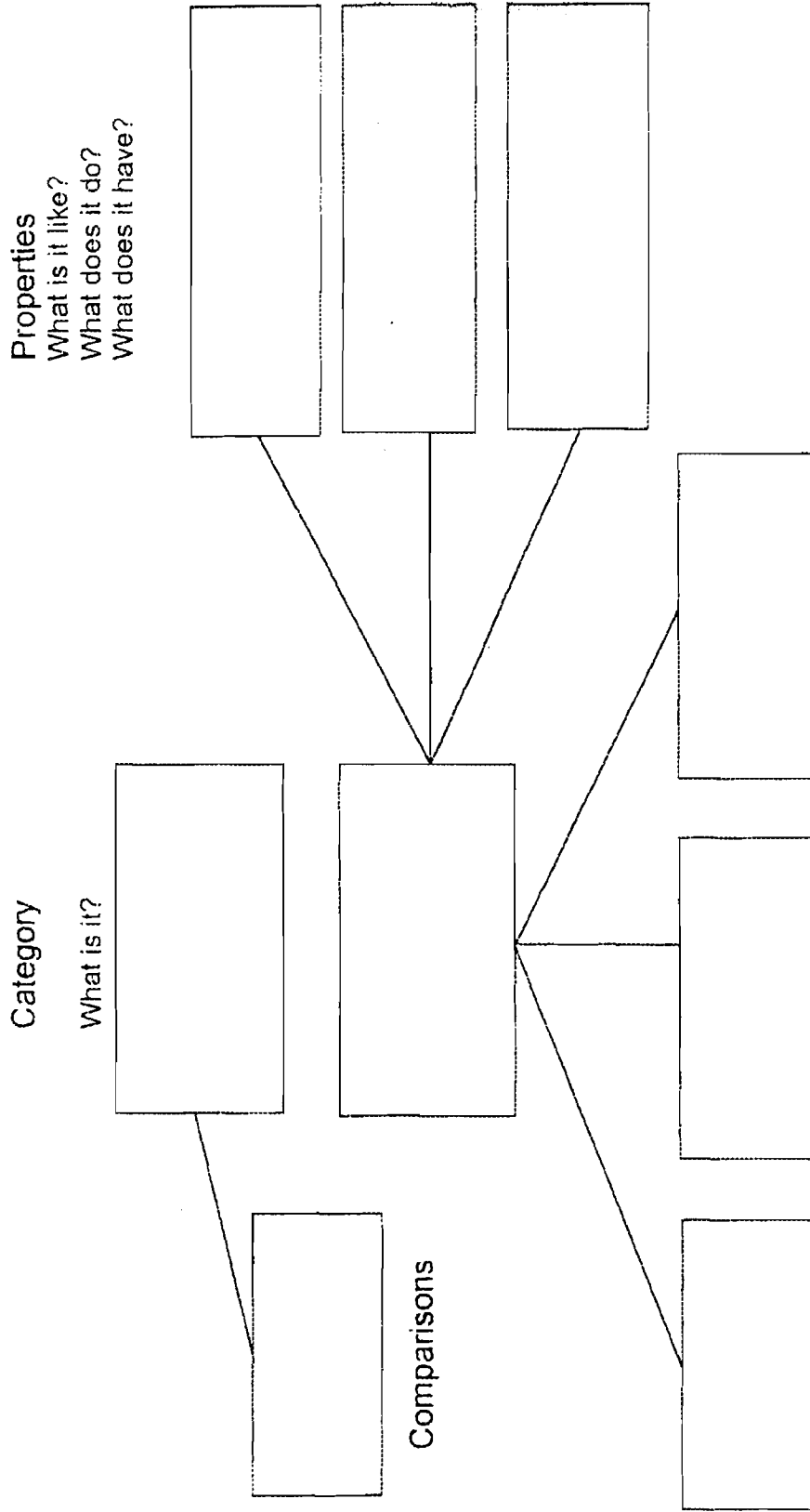
1. Teacher will organize students into small groups. Teacher will assign each group an airplane and tell them expectations based on teacher's rubric (please see **Assessment**).
2. Students will research their airplanes by using teacher resources, library resources, internet or informational text.
3. Students will illustrate their aviation pioneer.
4. Have students share their illustrations with the class. Teacher will assist students in creating a hall of fame by using a sentence strip to show a timeline of aviation pioneers of the past, present and future.

**Assessment:**

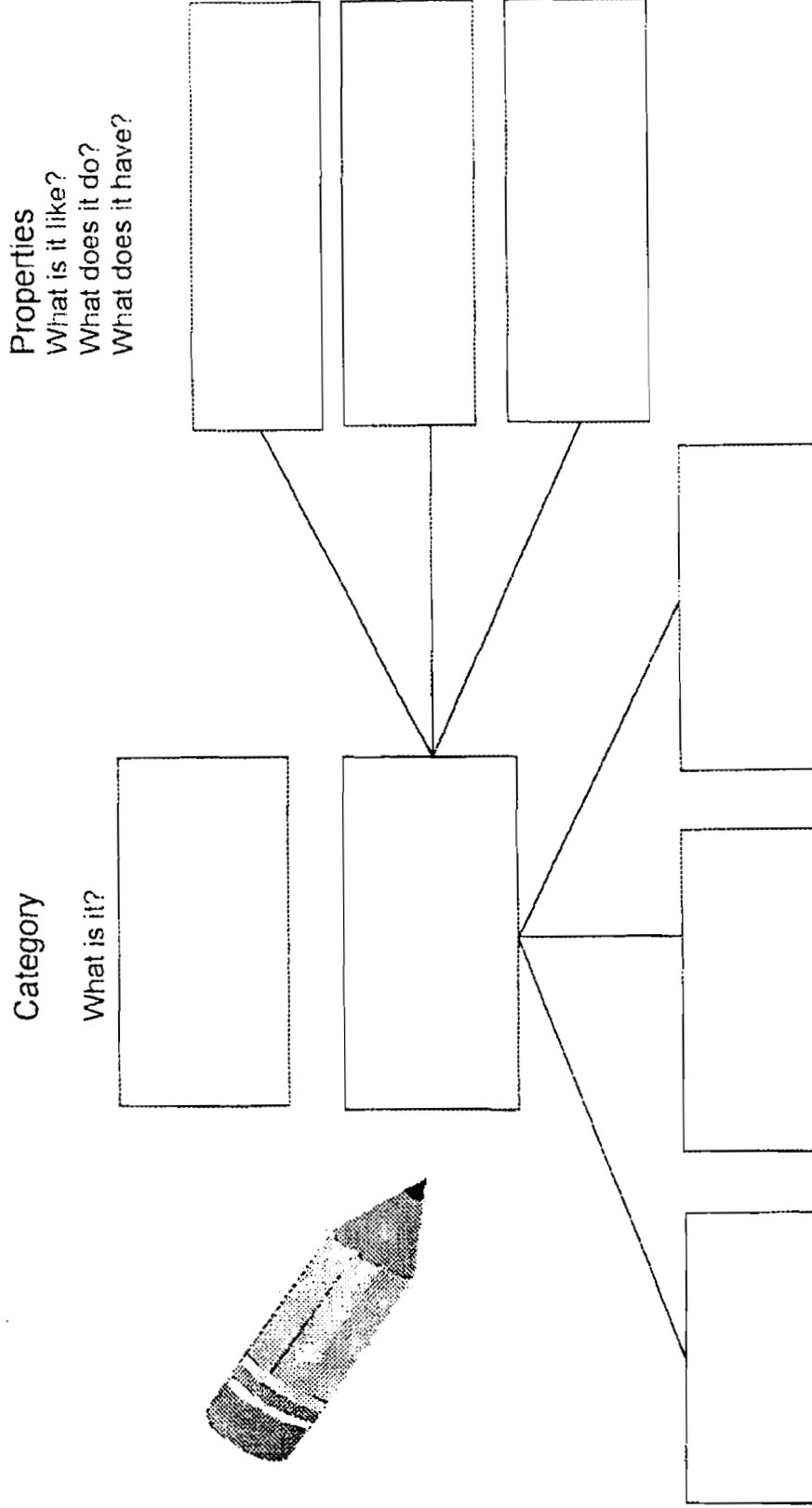
The teacher will evaluate each groups display using a teacher created rubric, such as: high, medium, low or 5, 4, 3, 2, 1 based on students' illustrations, etc.

# APPENDIX

CONCEPT OF DEFINITION WORD MAP



# CONCEPT OF DEFINITION WORD MAP



Venn Diagram

