

Subject: Mathematics

Grade: Second

Standard: #1 Whole-Number Sense

Key Concept: Students will develop an understanding of whole numbers and their relationships.

Generalization: Whole numbers can be ordered, counted, grouped, combined, and compared to show relationships.

Background:

Students know their numbers from one to thousand.

Students choose a tier according to their interest in a particular book. The teacher may limit the number of tiers by limiting the size of the collection of books. There should be at least three books in the collection and at least one should be available on tape as well as in a written format. The following are possible selections to include:

<u><i>TITLE</i></u>	<u><i>ISBN#</i></u>
<u>Is a Blue Whale the Biggest Thing There Is?</u>	0-8075-3656-3
<u>How Much Is a Million?</u>	0-688-09933-5
<u>Dinner at the Panda Palace</u>	0-06-443408-7
<u>Bunches and Bunches of Bunnies</u>	0-590-44766-1
<u>Lifetimes</u>	1-883220-59-9

This lesson is tiered in *content* according to *interest*.

- Tier I: *Whales*
- Tier II: *Millions*
- Tier III: *Pandas*
- Tier IV: *Bunnies*
- Tier V: *Lifetimes*

Each student reads or listens to their selected book and writes a paragraph describing the whole numbers used in the story. Students should identify the smallest (least) and largest (greatest) number in the story. In addition, they should write a sentence or two about any number relationships which are given in the story. Among students who read the same book, have students share their results.

Assessment:

Teacher should assess each paragraph for accuracy in identifying the smallest and largest number and for correctly identifying the relationships.