

## Mathematics Story-Based Lesson

Math Strand: Data analysis

Skill (objective): When provided with a set of numbers, the student will identify the median.

Manipulatives: Counting blocks

Graphic organizer: Bar graph

What the teacher will do	Materials to present	What the student will do	Examples of student responses
<p>Introduce the problem: "What does it mean to be in the middle?"</p> <p>Read a story problem about medians (e.g., Girls Club has girls who are many different ages. Sally is 9, Kara is 10, Cheri is 7, Jessica is 8, and Linda is 11. The girls talk about who is the oldest and who is the youngest. But one girl says, "I'm in the middle!" Whose age is in the middle? What is the median?)</p> <p>Repeat lesson with different stories with varied numbers and themes for generalization.</p> <p>Begin KWLH chart to guide inquiry. Ask, "What do we know?"</p>	<p>Anticipatory set: Use cubes to introduce median by discussing concept of middle.</p> <p>Median story</p>	<p>Identify middle.</p> <p>Follow the story by scanning the words and pointing to each number as it is read.</p>	<p>Put cube in middle, hit switch when teacher touches middle cube.</p> <p>Text point using finger or assistive technology to highlight text.</p>
	<p>KWLH chart: Write numbers under "K" for "known" as student identifies; have cubes with numbers</p>	<p>Identify each known number (age) using cubes.</p>	<p>Move cubes, point to cubes.</p>