

Activity 5 Assessment

Measures of Central Tendency

Determining the Measures of Central Tendency			
<p>Reads and interprets data displays to determine mode and median</p> <p>Number of glasses of water students in a Grade 5 class drink in a day: 2, 3, 3, 3.5, 4, 4, 4, 4.5, 5.5, 6</p> <ul style="list-style-type: none"> • mode: 4 glasses • median: 4 glasses 	<p>Determines the mean value as the average measure</p> <p>Number of glasses of water students in a Grade 5 class drink in a day: 2, 3, 3, 3.5, 4, 4, 4, 4.5, 5.5, 6</p> $2 + 3 + 3 + 3.5 + 4 + 4 + 4 + 4.5 + 5.5 + 6 = 39.5$ $39.5 \div 10 = 3.95$ <ul style="list-style-type: none"> • mean: 3.95 glasses 	<p>Compares measures of central tendency for two related sets of data</p> <p>Grade 5:</p> <ul style="list-style-type: none"> • the mode: 4 glasses • the median: 4 glasses • the mean: 3.95 glasses <p>Grade 1:</p> <ul style="list-style-type: none"> • mode: 2 glasses • median: 2.25 glasses • mean: 2.45 glasses <p>“Grade 5 students drink more glasses of water per day than Grade 1 students.”</p>	<p>Fluently and flexibly finds the mode, mean, and median and explains what each indicates</p> <ul style="list-style-type: none"> • mode: 4.5 glasses • median: 4.25 glasses • mean: 4.05 glasses <p>“The mode is the most frequent number; the median is the middle number, and the mean is the average number. All measures are very close. Any of the measures can represent the data.”</p>
Observations/Documentation			