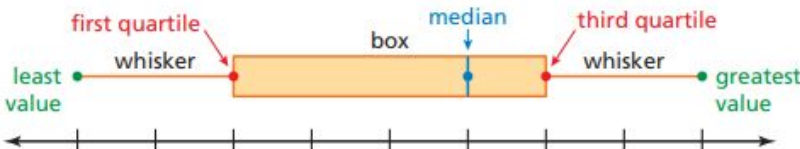


**Essential Question: How are box and whisker plots used to display data?**

Questions /Main Ideas	Class Notes
<p>What are box and whisker plots?</p> <p>How do you make a box and whisker plot?</p>	 <ol style="list-style-type: none"> <li>1. Put your data in order</li> <li>2. Find the median</li> <li>3. Find the first and third quartile (median of the lower and upper half)</li> <li>4. Create your number line.</li> <li>5. Plot the points for the median, first quartile, third quartile, greatest value, least value.</li> <li>6. The box extends from the first quartile to the third quartile.</li> <li>7. Draw a line for the median</li> <li>8. Extend whiskers out to the greatest and least values.</li> </ol>

**Summary**

Box and whisker plots are used to display variability (how the data is arranged). It shows you the middle values as well as the extreme values.