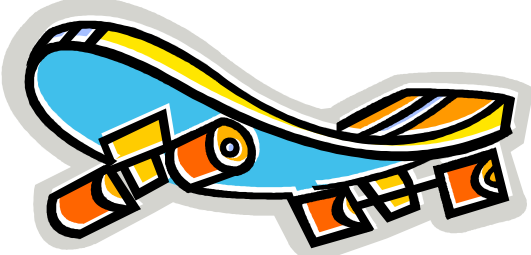


## Communicating and Connecting What We Know About Data Analysis and Central Tendency

Verbal	Organized List								
<p>The stem-and-leaf plot below shows the number of people using a skateboard park on 13 different days.</p> <div style="text-align: center; margin: 20px 0;">  </div>	<p>List the numbers from least to greatest.</p>								
Graph (stem and leaf plot)	Analysis								
<p style="text-align: center;">Number of <u>Skateboard</u> Park Users</p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: right; padding-right: 5px;">3</td> <td style="border-left: 1px solid black; padding-left: 5px;">0 2</td> </tr> <tr> <td style="text-align: right; padding-right: 5px;">4</td> <td style="border-left: 1px solid black; padding-left: 5px;">2 3 5 6</td> </tr> <tr> <td style="text-align: right; padding-right: 5px;">5</td> <td style="border-left: 1px solid black; padding-left: 5px;">1 4 4 6</td> </tr> <tr> <td style="text-align: right; padding-right: 5px;">6</td> <td style="border-left: 1px solid black; padding-left: 5px;">1 2 4</td> </tr> </table> <div style="margin-top: 20px; border: 1px solid black; padding: 5px; width: fit-content; margin-left: auto; margin-right: auto;"> <p style="margin: 0;">Key</p> <p style="margin: 0;">4   3 represents 43</p> </div>	3	0 2	4	2 3 5 6	5	1 4 4 6	6	1 2 4	<p>What is the spread (<u>range</u>) of the data in the stem-and-leaf plot?</p> <p>What is the <u>mode</u> of the data?</p> <p>What is the <u>median</u> of the data?</p> <p>What is the <u>mean</u> of the data?</p> <p>On how many days did more than 43 people use the skate board park?</p>
3	0 2								
4	2 3 5 6								
5	1 4 4 6								
6	1 2 4								