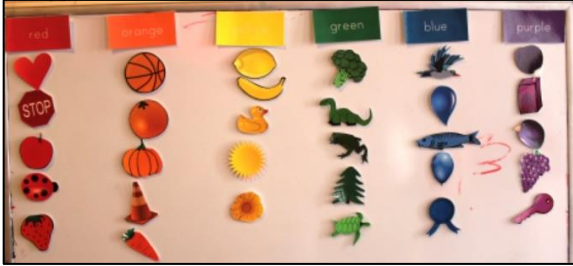
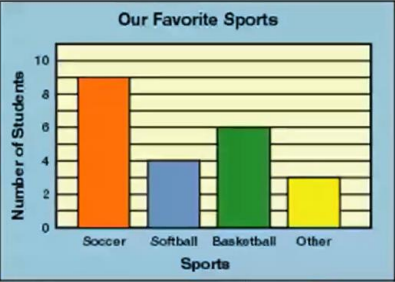


## Represent and Interpret Data

<p align="center"><b>Overarching Student Learning Goals</b></p> <p>In this unit, your child will work to build an understanding of the following:</p>	<p align="center"><b>Resources/Tasks to support your child at home.</b></p>																				
<p><b>Sort and categorize objects.</b> Students can make and explain the categories used to sort objects.</p>  <p>Students can count and compare the number of objects in each category. <i>Examples:</i></p> <ul style="list-style-type: none"> <li>• “There are the same number of red and orange items.”</li> <li>• “There are ten blue and purple objects.”</li> </ul>	<ul style="list-style-type: none"> <li>• Give your child a random set of objects. Have them determine how to group and sort the objects. Then have your child give a name to each group or category.</li> <li>• Mega Math Archnagraph: <a href="https://goo.gl/SFS1Fe">https://goo.gl/SFS1Fe</a></li> </ul>																				
<p><b>Represent up to three categories of generated data.</b> Students can create a table or chart to organize and represent the data.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="128 906 451 1182"> <p align="center"><b><u>Tally Chart</u></b></p> <p align="center"><i>Our Favorite Sports</i></p> <table border="1"> <thead> <tr> <th>Sport</th> <th>Number of Students</th> </tr> </thead> <tbody> <tr> <td>Soccer</td> <td>      </td> </tr> <tr> <td>Softball</td> <td>    </td> </tr> <tr> <td>Basketball</td> <td>      </td> </tr> <tr> <td>Other</td> <td>   </td> </tr> </tbody> </table> </div> <div data-bbox="457 906 741 1239"> <p align="center"><b><u>Table</u></b></p> <table border="1"> <thead> <tr> <th colspan="2">Our Favorite Sports</th> </tr> </thead> <tbody> <tr> <td>Soccer</td> <td>9</td> </tr> <tr> <td>Softball</td> <td>4</td> </tr> <tr> <td>Basketball</td> <td>6</td> </tr> <tr> <td>Other</td> <td>3</td> </tr> </tbody> </table> </div> <div data-bbox="747 906 1150 1239"> <p align="center"><b><u>Graph</u></b></p>  </div> </div> <p>Students can generate questions to ask and limit responses to up to three categories verbally and in writing. <i>Example: How many more students like soccer than softball? How many students like soccer and softball combined?</i></p>	Sport	Number of Students	Soccer		Softball		Basketball		Other		Our Favorite Sports		Soccer	9	Softball	4	Basketball	6	Other	3	<ul style="list-style-type: none"> <li>• Have your child survey family and friends about their favorite food, sport, subject in school, etc. Have your child great a tally chart and a graph to represent the data.</li> <li>• Have your child describe what they notice about the given graph, tally chart or pictograph. Pose questions such as: <ul style="list-style-type: none"> <li>○ Which had the most? Least?</li> <li>○ How many more did ___ have than ___?</li> <li>○ How many people were surveyed?</li> </ul> </li> <li>• Interpret Data Online Interactive Game: <a href="https://goo.gl/PfnJYq">https://goo.gl/PfnJYq</a></li> <li>• Graph and Tally Game: <a href="https://goo.gl/YpмуUQ">https://goo.gl/YpмуUQ</a></li> <li>• Tally Chart Game: <a href="https://goo.gl/PweSp7">https://goo.gl/PweSp7</a></li> <li>• Organizing and Interpreting Data Video: <a href="https://goo.gl/rBw4pX">https://goo.gl/rBw4pX</a></li> </ul>
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For more information on the learning goals and your child’s progress, please contact your child’s teacher.