



NYS Learning Standard	<p>Mathematics Standard: 3 Key Idea 5: Measurement Key Idea 7: Patterns/Functions</p> <p>Career Development and Occupational Studies: Standard 3a: Universal Foundation Skills</p> <p>English Language Arts: Standard 1: Read, write, listen and speak for information and understanding</p> <p>Mathematics, Science and Technology: Standard 1: Analysis, Inquiry and Design Standard 4: Science (Physical Setting) Standard 6: Interconnectedness * Common Themes (Patterns of Change)</p> <p>Social Studies: Standard 3: Geography</p>
Goal	Students will use statistical methods and measures of central tendencies to display, describe and compare data; students will explore and produce graphical representations of data and develop critical judgment for the reasonableness of measurement.
Materials	The Post-Standard
Activity directions	Using the weather section of a newspaper students will find the mean, median, and mode of temperatures, rainfall, amount of sunshine, etc. Students will plot the high and low temperature of a number of cities along the same latitude or longitude from at least two different continents in graphic form. Using the weather section of a newspaper, students will create a variety of word problems using information gathered.
One More Step	Justify the most effective and efficient way to display the weather information.