## Essential Element, Linkage Levels, and Mini-Map
### Math: Grade 6
**M.EE.6.SP.5**

<table>
<thead>
<tr>
<th>Grade-Level Standard</th>
<th>DLM Essential Element</th>
<th>Linkage Levels</th>
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</thead>
</table>
| **M.6.SP.5** Summarize numerical data sets in relation to their context, such as by: Reporting the number of observations; Describing the nature of the attribute under investigation, including how it was measured and its units of measurement; Giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered; Relating the choice of measures of center and variability to the shape of the data distribution and the context in which the data were gathered | **M.EE.6.SP.5** Summarize data distributions shown in graphs or tables | **Initial Precursor:**  
- Classify  
- Order objects  

**Distal Precursor:**  
- Recognize that distribution of data can be described by overall shape of a graph  
- Recognize the structure of a line plot (dot plot)  

**Proximal Precursor:**  
- Recognize outliers  
- Recognize peaks in data distribution  
- Recognize symmetric distribution  
- Analyze the overall shape of the data distribution  

**Target:**  
- Summarize data by overall shape  

**Successor:**  
- Use the overall shape of data distribution to recognize appropriate measures of center or spread  

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A diagram showing the relationship of nodes in the mini-map appears below.

Key to map codes in upper right corner of node boxes:

- **IP**: Initial Precursor
- **SP**: Supporting
- **DP**: Distal Precursor
- **S**: Successor
- **PP**: Proximal Precursor
- **UN**: Untested
- **T**: Target

**M.EE.6.SP.5** Summarize data distributions shown in graphs or tables