## Algebra 2: Unit 6 Instructional Focus - Inferences and Conclusions from Data

| Topic | Instructional Foci |
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|  | In this topic, students see how the data displays, measures of center such as mean and median, measures of spread such as |
| interquartile range and standard deviation, and other summary statistics learned in earlier grades relate to normal |  |
| distributions. They identify key features of normal distributions and use their understandings to determine z-scores, analyze |  |
| data that can be described by a normal curve, and solve problems. |  |
| Concepts: |  |
| SLT 1: Understand normal distributions and identify their features. |  |
| SLT 2: Determine the effects of mean and standard deviation on a normal distribution. |  |
| SLT 3: Use the features of a normal distribution to make decisions. |  |
| SLT 4: Compare normal distributions using z scores. |  |
| SLT 5: Determine the relative likelihood of several events using the features of a normal distribution. |  |



