# CAR Unit Template

## Unit Title: Algebra 1 – Other Nonlinear Graphs and One Variable Statistics – Unit 4 - Module B

**Grade level:**

**Timeframe:**

## Essential Questions

## Standards

### Standards (Taught and Assessed):

**S.ID.A.1** Represent data with plots on the real number line (dot plots, histograms, and box plots).

**N.Q.A.1** Use units as a way to understand problems and to guide the solution of multi-step problems; Choose and interpret units consistently in

formulas; Choose and interpret the scale and the origin in graphs and data displays.

**S.ID.A.2** Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard

deviation) of two or more different data sets.

**S.ID.A.3** Interpret differences in shape, center, and spread in the context of the data sets, accounting for possible effects of extreme data points

(outliers).

**S.ID.B.5** Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data

(including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.

**Key**: Major Cluster Supporting Cluster Additional Cluster

### Highlighted Career Ready Practices and 21st Century Themes/Skills

### Social-Emotional Learning Competencies

## Instructional Plan

Pre-Assessment and Reflection

| **Pre-Assessment** | **Modifications (ELL, Special Education, Gifted, At-risk of Failure, 504) and Reflections** |
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Student Learning Objectives (SLO), Strategies, Formative Assessment, Activities and Resources (add rows as needed)

| **SLO – WALT**  **We are learning to/that** | **Student Strategies** | **Formative Assessment** | **Activities and Resources** | **Modifications (ELL, Special Education, Gifted, At-risk of Failure, 504) and Reflections** |
| --- | --- | --- | --- | --- |
| **S.ID.A.1. - WALT** represent data using dot plots on the real number line and choose an appropriate scale to represent the data |  |  |  |  |
| **S.ID.A.1. - WALT** represent data using histograms on the real number line and choose an appropriate scale to represent the data |  |  |  |  |
| **N.Q.A.1.** **- WALT** represent data using box plots on the real number line and choose an appropriate scale to represent the data |  |  |  |  |
| **S.ID.A.2. - WALT** compare the center (mean, median) and spread (interquartile range, standard deviation) of two or more different data sets using measures appropriate to the shape of the data |  |  |  |  |
| **S.ID.A.3. - WALT** interpret differences in shape, center, and spread in the context of data sets |  |  |  |  |
| **S.ID.A.3. - WALT** interpret the effect of outliers on the shape, center, and spread of a data set |  |  |  |  |
| **S.ID.B.5. - WALT** summarize categorical data for two categories in a two-way frequency table |  |  |  |  |
| **S.ID.B.5. - WALT** interpret relative frequencies, including joint, marginal, and conditional relative frequencies, in the context of the data |  |  |  |  |
| **S.ID.B.5. - WALT** recognize possible associations and trends in categorical data |  |  |  |  |

Benchmark Assessment 1

| **Benchmark Assessment** | **Modifications (ELL, Special Education, Gifted, At-risk of Failure, 504) and Reflections** |
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Benchmark Assessment 2

| **Benchmark Assessment** | **Modifications (ELL, Special Education, Gifted, At-risk of Failure, 504) and Reflections** |
| --- | --- |
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Summative Assessments (add rows as needed)

| **Summative Assessment** | **Modifications (ELL, Special Education, Gifted, At-risk of Failure, 504) and Reflections** |
| --- | --- |
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Interdisciplinary Connections

| **Interdisciplinary Connections** | **Modifications (ELL, Special Education, Gifted, At-risk of Failure, 504) and Reflections** |
| --- | --- |
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