# CAR Unit Template

## Unit Title: Mathematics – Introductory Statistics – Unit 2 – Module A

**Grade level: Grade 6**

**Timeframe:**

## Essential Questions

## Standards

### Standards (Taught and Assessed):

**6.SP.A.1** Recognize a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers. *For example, “How old am I?” is not a statistical question, but “How old are the students in my school?” is a statistical question because one anticipates variability in students’ ages.*

**6.SP.A.2** Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread, and overall shape.

**6.SP.A.3** Recognize that a measure of center for a numerical data set summarizes all of its values with a single number, while a measure of variation describes how its values vary with a single number.

**6.SP.B.4** Display numerical data in plots on a number line, including dot plots, histograms, and box plots.

**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** |
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| **6.SP.A.1 – WALT** a statistical question is one that anticipates variability in the data related to the question and accounts for it in the answers |  |  |  |  |
| **6.SP.A.1 – WALT** recognize statistical questions |  |  |  |  |
| **6.SP.A.2 – WALT** a set of data collected to answer a statistical question has a distribution which can be described by its center, spread, and overall shape |  |  |  |  |
| **6.SP.A.3 – WALT** a measure of center (mean and median) for a numerical data set summarizes all of its values with a single number |  |  |  |  |
| **6.SP.A.3 – WALT** a measure of variation (interquartile range and mean absolute deviation) describes how its values vary with a single number |  |  |  |  |
| **6.SP.B.4 – WALT** display numerical data in plots on a number line, including dot plots, histograms, and box plots |  |  |  |  |

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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