

Grade 6

Distance Learning Module 6: Week of: May 11 – May 15th

Mathematics - Modified from [Unit #4 - Fact or Fiction? - Statistics](#)

Targeted Goals from Stage 1: Desired Results

Content Knowledge: Communicate important information to convince an audience using sound mathematical reasoning

Vocabulary: Mean, Median, Mode, Range, Outlier, Tally Chart, Frequency Chart, Line (Dot) Plot, Histogram, Box and Whisker Plot, Interquartile Range

Skills:

- Calculate and use mean, median, mode, range.
- Analyze and compare box and whisker plots.

*****You may use a calculator throughout this unit.*****

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Box and Whisker Day 3	1. Remind yourself about Box and Whisker Plots Video 2. Complete the Box and Whisker check-in and submit.	Complete and submit the Box and Whisker Check-in
Tuesday: Choose Your Assignment! This week you will show what you have learned about mean, median, mode, range, and outliers in a creative way.	1. Warm-up - Name That Graph! 2. Directions for the Statistics Project. 3. Submit the Google Form with your project choice! 4. Statistics Project Rubric	1. Submit warm-up 2. Submit the Statistics Project Google Form that tells us what project you have chosen.

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Wednesday: Problem of the Day and work on your Statistics Project	<ol style="list-style-type: none"> 1. Complete and submit the Problem of the Day. 2. What progress have you made on your Statistics Project? Please use the Google Form to share what you have done so far on your project. 	<ol style="list-style-type: none"> 1. Submit the Problem of the Day Google Form. 2. Submit the Statistics Project Update #1 Google Form.
Thursday: Tell the Story of the Histogram worksheet Keep working on your Statistics Project	<ol style="list-style-type: none"> 1. Warm-up - Tell the Story of the Histogram 2. What progress have you made on your Statistics project? You must submit Proof of Progress 	<ol style="list-style-type: none"> 1. Submit warm-up. 2. Submit the Statistics Project Update #2 Google Form
Friday: Due date for your Statistics Project	<ol style="list-style-type: none"> 1. Submit your Statistics Project in final form. We can't wait to see them! 2. Statistics Project Rubric 	<ol style="list-style-type: none"> 1. Submission of final Statistics project via Google Classroom

Week criteria for success (attach student checklists or rubrics):

- I can analyze and compare Box and Whisker plots
- I can create a meaningful activity that successfully teaches about mean, median, mode, and range.

Supportive resources and tutorials for the week (plans for re-teaching):

1. Finding the Mean, Median, and Mode video - Khan Academy (dry and to the point)
2. Data Set Properties: Mean, Median, Mode video - Math Antics(kid friendly with graphic images to aid in presentation)
3. Measures of Central Tendency Notes
4. Pros and Cons of Mean, Median, and Mode