

Grade 9

Distance Learning Module 3: Week of: April 13, 2020 - April 17, 2020

**Mathematics: Integrated Algebra and Geometry** - *Recognizing prime and composite numbers, Representing data in a stem - leaf, pictograph, bar and histogram graph*

**Targeted Goals from Stage 1: Desired Results**

**Content Knowledge:** Prime Numbers, Representing Data, Stem-Leaf, Bar Graph, Histogram, Pie Chart

**Vocabulary:** Prime, Stem-Leaf, Bar Graph, Histogram, Pie Chart

**Skills:** Understanding different ways to show data on a chart / graph

**Expectation:**

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday:	Prime numbers (video) Recognizing prime and composite numbers (video)	Identify prime numbers (practice) Identify composite numbers (practice)
Tuesday:	Representing data (video)	Data set warm-up (practice)
Wednesday:	Stem-and-leaf plots (video) Reading stem and leaf plots (video)	Reading stem and leaf plots (practice) Reading and interpreting data   Pre-algebra   Math
Thursday:	Reading pictographs (video) Creating a bar graph (video) Reading bar graphs (video) Interpreting bar graphs: alligators (video)	Read picture graphs (multi-step problems) (practice) Create bar graphs (practice) Read bar graphs (2-step problems) (practice)
Friday:	Histograms (video) Reading pie graphs (circle graphs) (video)	Read histograms (practice)

**Week criteria for success** (attach student checklists or rubrics): Worksheets, Khan Academy

By the end of this module, students will be able to:

- Show the difference between prime and composite number
- Wednesday: Create a stem - leaf plot from data
- Thursday: Create a bar chart from data
- Friday: Create a histogram from data

**Supportive resources and tutorials for the week** (plans for re-teaching): Khan Academy, Statistics - How to make a histogram, Kuta Software worksheets, office hours