Grade 5
Distance Learning Module 8:   Week of: 5/25/2020-5/29/2020

Grade 5 Computer Coding - *Modified from* [Unit 2 - Data Abstraction and Modeling](#)

Targeted Goals from Stage 1: Desired Results

Content Knowledge: Spreadsheets are a tool used to communicate data in an organized format in a variety of personal and professional situations. Data representation visually describes what is happening (modeling) to inform next iterations.

Vocabulary: spreadsheet, Google Sheets, Excel, cell, column, row, gridlines, data, table, merge, function, icon, sum, legend, chart, data labels

Skills:
- Create a spreadsheet
- Place data in a spreadsheet in a purposeful manner
- Select the most appropriate graph for a given purpose
- Manipulate data in a table to create a graph or chart

Expectation:
Demonstrating understanding of the vocabulary used in spreadsheets, students will create graphs form data within a spreadsheet.
Students will be able to use the chart editor in Google Sheets to format graphs.
Students will distinguish between various graph types and their given purposes..

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Memorial Day - No School		
Tuesday: Making and formatting simple bar and pie charts: using the chart editor	Week introduction Video: Creating graphs and their different purposes Google Sheet: Graphing your dice data Making a comparison chart and Pie Chart of predicted outcomes.	Pie charts for predicted data, bar chart comparing predictions v. actual rolls.
Wednesday:		

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Thursday: Graphing when data is in non-adjacent columns: Graphing Actual data	Meet: Graphing non-adjacent data Create pie chart for "actual" data	Nothing Due
Friday: Finalize and submit your project	Use project checklist to ensure that all elements of the project are complete.	<mark>Turned in Sheet Assignment</mark>

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

- Make bar chart comparing predicted and actual dice rolls
- Watch video about graphing non-adjacent columns
- Create pie charts for your predicted and actual dice rolls in Google Sheets
- Format your charts:

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