Grade 5
Distance Learning Module 7:   Week of: 5/18/2020-5/22/2020

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:
Students will investigate what spreadsheets are and how they are used.
Students will model making predictions and generating actual responses.
Demonstrating understanding of the vocabulary used in spreadsheets, students will create a table within a spreadsheet.

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: What is a spreadsheet? How are they used? Ask your parents/relative if they've ever used a spreadsheet and how they use it.	Unit Introduction Video and Meet	Come prepared to share if your parents know what a spreadsheet is and how they use them.
Tuesday:		Nothing Due
Wednesday: Google Sheets: A tool for organizing, calculating, graphing, and analyzing numeric data.	Unit Introduction Video: Vocabulary and examples Basics of Using Google Sheets video Creating Data for a sheet: Predicted and Actual Rolls of Two Dice	Google Doc: Data for Dice, and observations of the differences between your predictions and your actual rolls.

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Thursday:	Meet: What are spreadsheets?	Come prepared to share if your parents know what a spreadsheet is and how they use them.
Friday: Formatting your chart: borders, colors, merged cells, titles	Create a data table in Sheets using formatting tools, functions, merged cells	==Spreadsheet== with table of predicted and actual dice roll data

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

- Complete dice assignment
- Watch basics video
- Create table from your dice assignment in Google Sheets
- Use Sum function for totals

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