

Grade 5

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

Grade 5 STEAM - Modified from [Unit B - Innovative Designer](#)

Targeted Goals from Stage 1: Desired Results

Content Knowledge:

- Use basic terminology of block coding.
- Engineers couple creativity and imagination with analytical skills to solve problems.

Vocabulary:

- All coding vocabulary we have been using for the last two months Algorithms, Loops, Conditions, Conditionals, While Loops, Functions, Constants, and Variables.

Skills:

- Using the design process to create a model.
- Creating working models from reused materials.

Expectation: Students will be able to -

- Work collaboratively in a group in an online setting.
- Make compromises
- Contribute their portion of the team's work.

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: Watch class greeting! This week we will be forming teams to develop our own games that contain coding concepts. Students can collaborate with others (upt to 4 in a group) to develop a game together. It is imperative that students watch the instructional video to learn how this cooperative work will occur.	Watch Daily Message Live Class @ 12:00 for Questions and Answers Fill Out Google Form: What Type of Game Do You Want To Make?	
Wednesday: For those who filled out the Google Form, collaborative groups will be established.	Watch Daily greeting	

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Thursday:	Live Class @ 12:00 for Questions and Answers Plan Out Your Game Document	Google Form Due by 1:00!!!
Friday: Plan Out Your Game	Who is in your group? Document Plan out Your Game Document	Nothing Due

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

Week One 5th Grade STEAM Checklist

- Watch daily messages and fill out form!
- Complete Google Form in Google Classroom by Thursday

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

- Review of daily recording of the day's task.
- Check in via comments in Google Classroom everyday
- Office hours to ask questions
- Live Meeting Q & A
- Instructional downloads