

Grade 5

Distance Learning Module 5: Week of: 4/27/2020-5/1/2020

## 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:

- Loops
- While Loops
- Repeat Blocks

#### Skills:

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

#### Expectation: Students will be able to -

- Explain that loops are repeated actions
- Arrange sequential events into their logical order
- Games have loops

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
<b>Monday:</b> Watch class greeting. This week we will be looking at While Loops in games. Today we will look at dots and boxes	<b>Watch Daily Message</b> Live Class @ 12:00 for Questions and Answers What is a while loop? Dots and Boxes - where are the while loops? Paper and Pencil	Answer Question in Classroom
<b>Tuesday:</b>		Nothing Due

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
<b>Wednesday:</b> Watch daily greeting. Today's game algorithm: solitaire.	Watch Daily greeting Where is the while loop? Solitaire Instructions Deck of Cards	Answer Question in Classroom
<b>Thursday:</b>	Live Class @ 12:00 for Questions and Answers	Nothing Due
<b>Friday:</b> Watch daily greeting. Today's game algorithm: Three or More.	Watch Daily greeting Where is the while loop? Three or More Instructions Dice (5) or Paper Dice	Answer Question in Classroom

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

Week One 5th GradeSTEAM Checklist

- Watch daily meetings and play daily games
- Complete activities in Google Classroom
- Find the while loops in each game.

**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