

Grade 5

Distance Learning Module 3: Week of: 4/13/2020-4/17/2020

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
- 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)
Monday: Watch class greeting. This week we will be looking at Loops in games. Today we will look at dots and boxes	(Priority activity) Watch Daily Message Live Class @ 12:00 for Questions and Answers What is a loop? Dots and Boxes - where are the loops? Paper and Pencil	Answer Question in Classroom
Tuesday:		Nothing Due

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

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

Weekly 5th Grade STEAM Checklist

- Watch daily meetings and play daily games
- Complete activities in Google Classroom
- Find the 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

Optional: Want more coding? Complete lessons 7-9 online in our Code.Org classroom. See Google Classroom for details.