Integrating Coding in Minecraft into CSD

North Carolina Course CY21

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Audience: **Customer**

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Introduction

Coding in Minecraft can be used a variety of ways and blends very well with Computer Science Discoveries. Below you will find multiple ways to utilize Coding in Minecraft in your Computer Science Discoveries 2 course. The time commitment for the Coding in Minecraft pieces increases with each option, Option 1 being the least time commitment and Option 3 being the highest.

Option 1

- Complete CSD Unit 3, Lessons 1 – 5.
- Getting Started with Coding in Minecraft: Intermediate Coding using MakeCode
    - Go through Navigating the Lessons slide deck for Coding in Minecraft.
    - Have students log into Coding in Minecraft Portal and download world file for Intermediate world.
    - Students do Review lesson.
- Complete Lesson 2 in Coding in Minecraft – Variables.
- Complete CSD Unit 3, Lessons 6 – 15
- Complete Coding in Minecraft – Lessons 3 and 4 – Logic and Advanced Logic
- Complete CSD Unit 3, Lessons 16 – 17
- Complete Coding in Minecraft Lessons 5 and 6 – Loops and Advanced Loops
- Complete Coding in Minecraft Lesson 7 – The Project
- Complete CSD Lesson 18 – Interactive Card but have students create a card that would introduce someone to their Coding in Minecraft project to tie the two together
- Complete Chapter 2 of CSD Unit 3 as usual.
- Time Permitting: Complete Coding in Minecraft Advanced Coding with JavaScript entire course (Lessons 1 – 7)

Option 2

- Getting started with Coding in Minecraft: Introduction Credential
    - Go through Navigating the Lessons slide deck for Coding in Minecraft.
    - Have students log into Coding in Minecraft Portal and download world file for Introduction World
    - Students do Lessons 1 – 3 in Coding in Minecraft Introduction to Coding Using MakeCode
- Complete CSD Unit 3, Lessons 1 – 5.

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- Students download Intermediate Coding Using MakeCode world from Coding in Minecraft Portal
- Complete Lesson 2 in Coding in Minecraft – Variables.
- Complete CSD Unit 3, Lessons 6 – 15
- Complete Coding in Minecraft – Lessons 3 and 4 – Logic and Advanced Logic
- Complete CSD Unit 3, Lessons 16 – 17
- Complete Coding in Minecraft Lessons 5 and 6 – Loops and Advanced Loops
- Complete Coding in Minecraft Lesson 7 – The Project
- Complete CSD Lesson 18 – Interactive Card but have students create a card that would introduce someone to their Coding in Minecraft project to tie the two together
- Complete Chapter 2 of CSD Unit 3 as usual.
- Time Permitting: Complete Coding in Minecraft Advanced Coding with JavaScript entire course (Lessons 1 – 7)

Option 3

- Getting started with Coding in Minecraft: Intermediate Credential
    - Go through Navigating the Lessons slide deck for Coding in Minecraft.
    - Have students log into Coding in Minecraft Portal and download world file for Intermediate World
    - Students do Review Lesson
- Complete entire Intermediate course (Lessons 2 – 7)
- Complete CSD Unit 3 Chapter 1 (Lessons 1 – 18)
- Students download Advanced Coding with JavaScript world from Coding in Minecraft portal
- Students SKIP review lesson
- Students complete Advanced Coding in Minecraft with JavaScript course (Lessons 2 – 7)
- Complete Chapter 2 of CSD Unit 3 as usual.

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