Introduction

Section/Description	Week	Сору
Section 1: Title	Week 1	Start Your Journey
Section 2: Intro	Week 1	By Becoming Inspired by the World-Leading Scientists from Black Panther: Wakanda Forever In Marvel Studios' Black Panther: Wakanda Forever, Shuri is the princess of Wakanda and lead scientist of the Wakandan Design Group. As a bonafide STEM whiz, Wakanda relies on her vibranium-powered inventions to propel all of their endeavors. Shuri's innovations require her to consider the purpose each piece of technology serves, the creative design, and the programming required to bring it to life. Shuri's vast understanding of computer science allows her to utilize vibranium and other Wakandan resources when designing technology that will forever change Wakanda and the world. Use these strategic skills inspired by Shuri to immerse yourself in coding with MakeCode Arcade!
Section 3: Overview	Week 1	Inspired by Wakanda, we created lesson plans to immerse you in the world of coding! Here you'll find A self-guided deck for learners like Shuri and you! A beginner and intermediate lesson that you can take at your own pace. M'baku-inspired sections should help you test your knowledge. Take a moment to look through the documents and prepare for the adventure ahead!

Commented [1]: @Xbox- please confirm what these sections are and how they relate to M'Baku

Commented [2R1]: We called these "assessment" sections "Challenge Day" because of M'Baku's line in the first film about "Challenge Day."

here: https://www.youtube.com/watch?v=Kx3bhPRM5d U

Week 1 (BEGINNER LESSON) -Link to facilitator version

Section/Description	Week	Сору
Section 4A: Beginner Lesson	Week 1	 Before you begin, get familiar with Microsoft's MakeCode. "Microsoft MakeCode brings computer science to life for all students with fun projects, immediate results, and block and text editors for learners at different levels." As we begin to code, we'll come across terminology that might be new to us. Read this reference page to understand the new terms and concepts you'll need to know. Then, when you're done, take this Microsoft Forms to test your knowledge.
Section 4B: Launch Lesson	Week 1	Now that you're familiar with some of the components of MakeCode's platform, let's start creating! Today, you'll start with a game tutorial that shows you the basics of creating a game. If you finish early, you can move on to the next game(s). • The games will teach you the basics of Game Design and Development/ Programming; what makes each journey different is its outcome. • Begin with the foundational tutorial! When you've completed it, give me a thumbs up so I can stop by and celebrate with you. Then, you can move on to either game tutorial 2 or 3. Below you'll find instructions for: Game Tutorial 1 Game Tutorial 2 Game Tutorial 3

Section 4C: (Beginners)	Week 1	Activity Overview!
		Vibranium is the heart of most of Wakanda's innovations, just as coding is the heart of many technological advancements. Luckily you have a resource inside of you that is pivotal to changing the world.
		Test your knowledge of MakeCode Arcade terminology and tutorials by completing this activity!
		Design a game on MakeCode Arcade with this objective :
		Put Shuri in Wakanda and have her exclaim her love for her nation!
		Using the MakeCode Arcade, write a Program where the:
		Sprite 1
		* Looks like SHURI
		* Moves by pressing arrows
		* Says, "WAKANDA FOREVER!"

Week 2 (INTERMEDIATE LESSON) ← Link to facilitator Lesson

Section/Description	Week	Сору
Section 5A Context	Week 2	Now that you have a handle on Makecode Arcade's capabilities, let's kick it up a notch! Create your very own Wakanda-themed game in MakeCode Arcade. We will do so by completing it in sections.

GAME ASSETS

SPRITES:



BACKGROUNDS





Section 5B Setting up Your Sprites (PART 1)

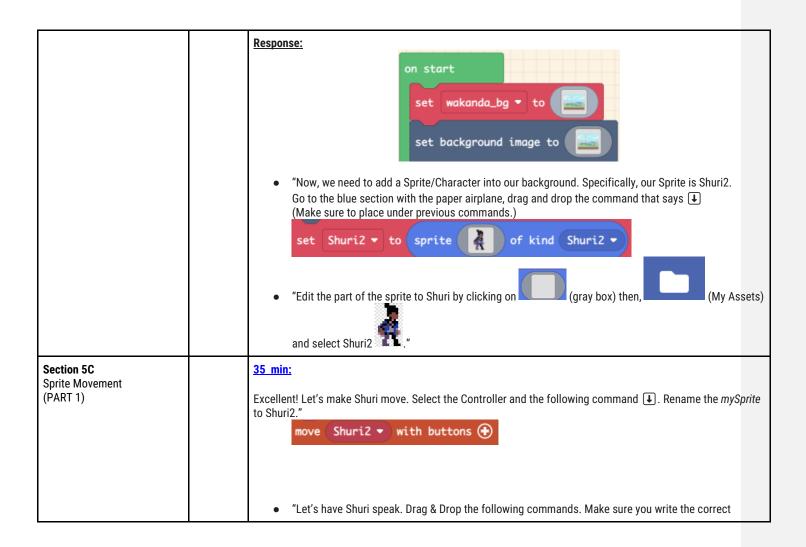
Week 2

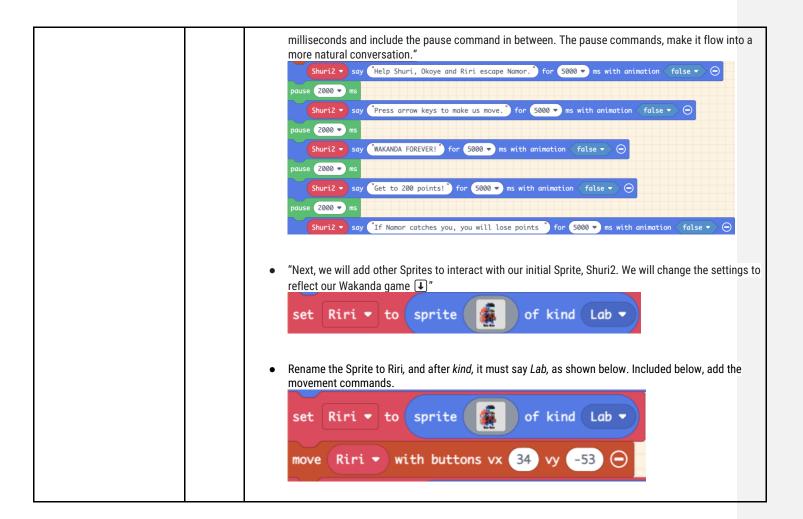
10 min:

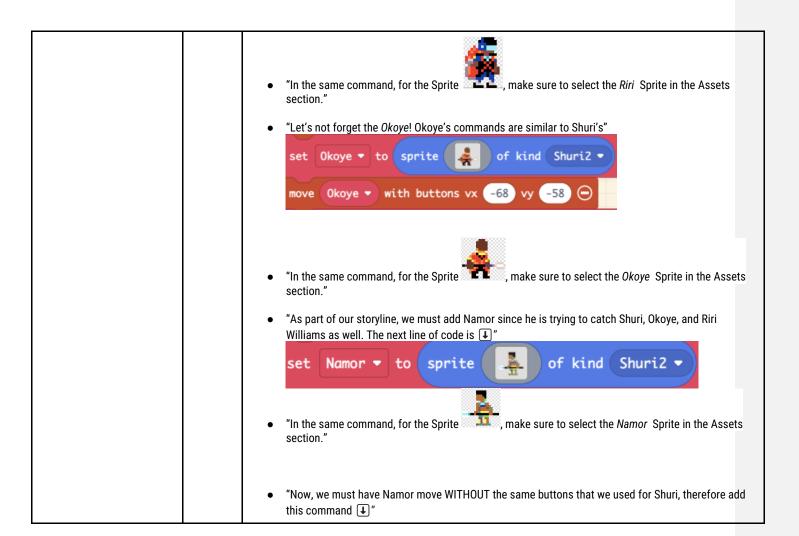
Follow the directions below to <u>use the MakeCode Arcade</u> with the following objective:

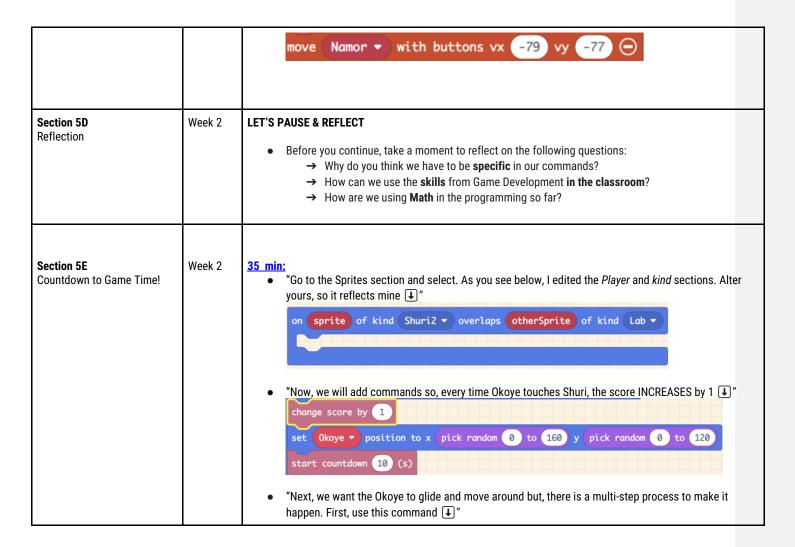
Help Shuri, Okoye, and Riri Williams escape Namor.

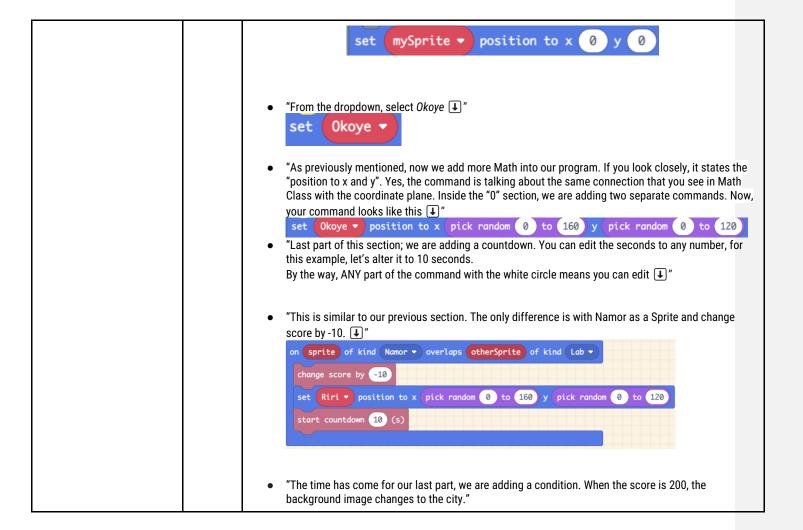
 "The Block Toolbox Area is color-coded by the function of the commands. We will start in the Scenes section, which is gray. This section is to create our background. Make sure to select the tilemap and background image of wakanda_bg."

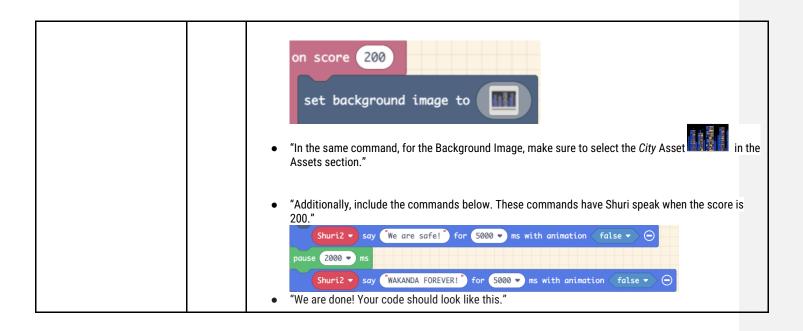












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Section 5F

Week 2

Congratulations on completing your official MakeCode Arcade! Before you officially end your session, complete this Exit Ticket.

**Potential certificate of completion or badge.
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