Name: Schimmel, Gagnon, Moon			Grading Quarter: 3		eek Beginning: Week 3 /22/2024-01/26/2024	
			Week: 3			
School Year: 2023-2023		23-2023	Subject: 5 <sup>th</sup> Science			
1	Notes:	Objective:	1		Academic Standards:	
		and direct seasonal of Students of be pulled Students of	will support an argument that a down toward the center of Ea will explore how the pull of gra all downward toward the cent will distinguish the distinction	phases of the Moon, or gravity causes objects to rth. wity causes objects on er of Earth.	5.P3U1.4 Obtain, analyze, and communicate evidence of the effects that balanced and unbalanced forces have on the motion of objects.  5.P3U2.5 Define problems and design solution pertaining to force and motion	
Monday		Lesson 1: The Role Read Meteors and Read Gravitationa Inquiry Activity La How Could You Be Review: What cau Three-Dimensiona Extend your think Role of Gravity: De Vocabulary:	d Meteorites all Waves and complete "Cause b Experiment: Falling Water ecome a Physics Teacher? ased this crater to form? all Thinking	and Effect" page	5.E2U1.8 Obtain, analyze, and communicate evidence to support an explanation that the gravitational force of Earth on objects is directed toward the planet's center.  5.SL.4 Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts with relevant, descriptive detail to support main ideas or themes; speak clearly at an understandable pace.	

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		Objective:	Standards:
Tuesday		<ul> <li>Students will choose a pattern to model for their project: length and direction of shadow, day and night, phases of the Moon, or seasonal changes.</li> <li>Students will support an argument that gravity causes objects to be pulled down toward the center of Earth.</li> <li>Students will explore how the pull of gravity causes objects on Earth to fall downward toward the center of Earth.</li> <li>Students will distinguish the distinction between meteors and meteorites.</li> </ul> Lesson Overview: Inspire Science Unit 4: Earth and Space Patterns Lesson 1: The Role of Gravity Read Meteors and Meteorites Read Gravitational Waves and complete "Cause and Effect" page Inquiry Activity Lab Experiment: Falling Water How Could You Become a Physics Teacher?	5.P3U1.4 Obtain, analyze, and communicate evidence of the effects that balanced and unbalanced forces have on the motion of objects.  5.P3U2.5 Define problems and design solution pertaining to force and motion  5.E2U1.8 Obtain, analyze, and communicate evidence to support an explanation that the gravitational force of Earth on objects is directed toward the planet's center.
		Review: What caused this crater to form? Three-Dimensional Thinking Extend your thinking as a Biologist Role of Gravity: Definitions and Vocabulary composition book  Vocabulary: Gravity, crater, tides, meteor, meteorite	5.SL.4 Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts with relevant, descriptive detail to support main ideas or themes; speak clearly at an understandable pace.

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Academic Standards:

## 5.P3U1.4

Obtain, analyze, and communicate evidence of the effects that balanced and unbalanced forces have on the motion of objects.

## 5.P3U2.5

Define problems and design solution pertaining to force and motion

## 5.E2U1.8

Obtain, analyze, and communicate evidence to support an explanation that the gravitational force of Earth on objects is directed toward the planet's center.

**5.SL.4** Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts with relevant, descriptive detail to support main ideas or themes; speak clearly at an understandable pace.

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