Name:		Grading Quarter:	Week Beginn	ing:		
Kristoffer Van Atten		Q3	January 6, 2025			
Scho	School Year: 2024 - 25		Subject: 8 th Grade S	Subject: 8 th Grade Science – Physical Science		
	Notes:	No School – PD Da		, , , , , , , , , , , , , , , , , , ,		
Monday						
Tuesday	Notes:	U1: Energy and Mo SWBAT explore electorages and magn magnetic fields an current through the use models to enhinvestigate and exelectromagnetic delectoragnetic	Energy and Motion; M3: Electromagnetic Forces; L4:Electromagnetism Standard explore electromagnetism, or the interaction between electric reges and magnets. They will investigate how electric currents generate gnetic fields and how magnetic fields can be used to generate electric rent through the exertion of forces at a distance. They will develop and models to enhance their understanding of these processes and will estigate and explain the causes and effects of changes to extromagnetic devices. Son Overview: Students will encounter the phenomenon of dispeakers and metal detectors and make claims about the interaction			
Wednesday	Notes:	Objective: McGraw-Hill Inspire Science Physical Science U1: Energy and Motion; M3: Electromagnetic Forces; L4:Electromagnetism SWBAT explore electromagnetism, or the interaction between electric charges and magnets. They will investigate how electric currents generate magnetic fields and how magnetic fields can be used to generate electric current through the exertion of forces at a distance. They will develop and use models to enhance their understanding of these processes and will investigate and explain the causes and effects of changes to electromagnetic devices. Lesson Overview: Students will perform investigations and labs on current				
Thursday	Notes:	and magnetic fields Objective: McGraw-Hill Inspire Science Physical Science U1: Energy and Motion; M3: Electromagnetic Forces; L4:Electromagnetism SWBAT explore electromagnetism, or the interaction between electric charges and magnets. They will investigate how electric currents generate magnetic fields and how magnetic fields can be used to generate electric current through the exertion of forces at a distance. They will develop and use models to enhance their understanding of these processes and will investigate and explain the causes and effects of changes to electromagnetic devices. Lesson Overview: Students will perform investigations and labs on electric motors and generators Academic Standards: NGSS: MS-PS2-3. A-C MS-ETS1-4: AzSS: 8.P1U1.3,5				

	Notes:	Objective: McGraw-Hill Inspire Science Physical Science	Academic
		U1: Energy and Motion; M3: Electromagnetic Forces; L4:Electromagnetism	Standards:
		SWBAT explore electromagnetism, or the interaction between electric	NGSS:
		charges and magnets. They will investigate how electric currents generate	MS-PS2-3.
≖		magnetic fields and how magnetic fields can be used to generate electric	A-C
Friday		current through the exertion of forces at a distance. They will develop and	MS-ETS1-4: B, C
		use models to enhance their understanding of these processes and will	AzSS:
		investigate and explain the causes and effects of changes to	8.P1U1.3,5
		electromagnetic devices.	
		Lesson Overview: Students will complete a formative assessment on	
		electromagnetism	

Name: Kristoffer Van Atten			Grading Quarter: Q3		Week Beginning: January 13, 2025	
School Year: 2024 - 25			Subject: 8 th Grade Science – Physical Science			
Monday	Notes:	U1: Energy and Mo SWBAT explore ele charges and magn	v-Hill Inspire Science Physotion; M3: Electromagnet ectromagnetism, or the ir ets Students will review and	Academic Standards: NGSS: MS-PS2-3. A-C MS-ETS1-4: B, C AzSS: 8.P1U1.3,5		
Tuesday	Notes:	U1: Energy and Mo SWBAT explore ele charges and magn	Students will complete a	Academic Standards: NGSS: MS-PS2-3. A-C MS-ETS1-4: B, C AzSS: 8.P1U1.3,5		
Wednesday	Notes:	Objective: McGrav U2: Understanding SWBAT explore me waves using mathe gathered by obser Lesson Overview: S people down, com not matter.	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5			
Thursday	Notes:	U2: Understanding SWBAT explore me waves using mather gathered by obsertesson Overview:	v-Hill Inspire Science Phys g Waves; M1: Intro to Wa echanical wave propertie ematical representations ving a variety of mechani Students encounter the p ing to the understanding	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5		
Friday	Notes:	U2: Understanding SWBAT explore me waves using mather gathered by obserview:	v-Hill Inspire Science Phys g Waves; M1: Intro to Wa echanical wave propertie ematical representations ving a variety of mechani Students encounter the p ing to the understanding	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5		

Name: Kristoffer Van Atten			Grading Quarter: Q3	Week Beginn January 20, 2	_
School Year: 2024 - 25			Subject: 8 th Grade Science – Physical Science		
Monday	Notes:	No School – MLK d	lay		
Tuesday	Notes:	U2: Understanding SWBAT explore me waves using mathe gathered by obser	jective: McGraw-Hill Inspire Science Physical Science Understanding Waves; M1: Intro to Waves; L1: Wave Properties BAT explore mechanical wave properties by modeling mechanical ves using mathematical representations and identifying patterns in data hered by observing a variety of mechanical waves. son Overview: Students perform experiments and investigations on operties of waves		
Wednesday	Notes:	Objective: McGraw-Hill Inspire Science Physical Science U2: Understanding Waves; M1: Intro to Waves; L1: Wave Properties SWBAT explore mechanical wave properties by modeling mechanical waves using mathematical representations and identifying patterns in data gathered by observing a variety of mechanical waves. Lesson Overview: Students perform experiments and investigations on properties of waves			Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5
Thursday	Notes:	Objective: McGraw-Hill Inspire Science Physical Science U2: Understanding Waves; M1: Intro to Waves; L1: Wave Properties SWBAT explore mechanical wave properties by modeling mechanical waves using mathematical representations and identifying patterns in data gathered by observing a variety of mechanical waves. Lesson Overview: Students perform experiments and investigations on properties of waves			Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5
Friday	Notes:	U2: Understanding SWBAT explore me waves using mathe gathered by obser	v-Hill Inspire Science Phys g Waves; M1: Intro to Wave echanical wave properties ematical representations a ving a variety of mechanic Students perform experings	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5	

Name: Kristoffer Van Atten			Grading Quarter: Q3	Week Beginning: January 27, 2025	
School Year: 2024 - 25			Subject: 8 th Grade Science – Physical Science		
50110			-	•	
Monday	Notes:	U2: Understanding SWBAT explore me waves using mathered by observesson Overview:	v-Hill Inspire Science Physics Waves; M1: Intro to Waterhanical wave properties ematical representations ving a variety of mechanical students perform experires. Review for assessments	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AZSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5	
Tuesday	Notes:	Objective: McGrav U2: Understanding SWBAT explore me waves using mathe gathered by obser Lesson Overview: S	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5		
Wednesday	Notes:	Objective: McGrav U2: Understanding Interactions SWBAT develop ar absorbed, or trans Lesson Overview: S interactions of me	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5		
Thursday	Notes:	U2: Understanding Interactions SWBAT develop ar absorbed, or trans Lesson Overview:	Objective: McGraw-Hill Inspire Science Physical Science J2: Understanding Waves; M1: Intro to Waves; L2: Mechanical Wave Interactions SWBAT develop and use models to describe that waves are reflected, absorbed, or transmitted through various materials. Lesson Overview: Students perform experiments and investigations on the Interactions of mechanical waves.		
Friday	Notes:	U2: Understanding Interactions SWBAT develop ar absorbed, or trans	nd use models to describe mitted through various n Students perform experir	ves; L2: Mechanical Wave e that waves are reflected,	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5

Name: Kristoffer Van Atten			Grading Quarter: Q3		Week Beginning: February 3, 2025		
School Year: 2024 - 25			Subject: 8 th Grade Science – Physical Science				
Monday	Notes:	U2: Understanding Interactions SWBAT develop ar absorbed, or trans Lesson Overview:	Graw-Hill Inspire Science Physical Science ding Waves; M1: Intro to Waves; L2: Mechanical Wave p and use models to describe that waves are reflected, ransmitted through various materials. ew: Students perform experiments and investigations on the mechanical waves. Academic Standards: NGSS: MS-PS4-1,2 MS-PS4-1,2 MS-PS4.A AZSS 6.P1U1.1 8.P4U1.3,4				
Tuesday	Notes:	U2: Understanding Interactions SWBAT develop ar absorbed, or trans	v-Hill Inspire Science Phy g Waves; M1: Intro to Wa nd use models to describe mitted through various n Students perform experin chanical waves.	8.P4U2.5 Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5			
Wednesday	Notes:	Objective: McGrav U2: Understanding Interactions SWBAT develop ar absorbed, or trans Lesson Overview: S interactions of me	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5				
Thursday	Notes:	U2: Understanding Interactions SWBAT develop ar absorbed, or trans Lesson Overview: S	v-Hill Inspire Science Phy g Waves; M1: Intro to Wa nd use models to describe mitted through various n Students perform experin chanical waves. Review f	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5			
Friday	Notes:	U2: Understanding Interactions SWBAT develop ar absorbed, or trans Lesson Overview:	nd use models to describe mitted through various n	ves; L2: Mechanical Wave e that waves are reflected, naterials. ments and investigations on the	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5		

Name: Kristoffer Van Atten			Grading Quarter: Q3	Week Beginning: February 10, 2025		
School Year: 2024 - 25			Subject: 8 th Grade Science – Physical Science			
Monday	Notes:	U2: Understanding Interactions SWBAT develop ar absorbed, or trans Lesson Overview:	v-Hill Inspire Science Phys g Waves; M1: Intro to Wa nd use models to describe mitted through various n Students perform experir chanical waves. Review fo	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5		
Tuesday	Notes:	U2: Understanding Interactions SWBAT develop ar absorbed, or trans Lesson Overview:	v-Hill Inspire Science Phys g Waves; M1: Intro to Wa nd use models to describe mitted through various n Students perform experir chanical waves. Lesson C	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5		
Wednesday	Notes:	U2: Understanding SWBAT develop ar how they interact various materials.	ctive: McGraw-Hill Inspire Science Physical Science Understanding Waves; M1: Intro to Waves; AT develop and use models to describe the properties of waves and they interact through reflection, absorption, or transmission through ous materials. On Overview: Students review for module test.			
Thursday	Notes:	U2: Understanding SWBAT develop ar how they interact various materials.	v-Hill Inspire Science Phys g Waves; M1: Intro to Wa nd use models to describe through reflection, absor Students complete modu	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5		
Friday		No School (Valenti	ne's Day?)			

Name: Kristoffer Van Atten			Grading Quarter: Q3	Week Beginr February 17,	•
School Year: 2024 - 25			Subject: 8 th Grade Science – Physical Science		
Monday	Notes:	No School: Preside	ents' Day		Academic Standards:
Tuesday	Notes:		line practice and teacher- ategies needed for doing	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5	
Wednesday	Notes:	Objective: AzSci Te SWBAT: Utilize on and test-taking str test. Lesson Overview:	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5		
Thursday	Notes:	and test-taking str test.	est Prep line practice and teacher- ategies needed for doing Khan Academy and AzSci	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5	
Friday	Notes:		line practice and teacher- ategies needed for doing	led resources to gain content well on the AzSCI 8 th grade	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5

Name: Kristoffer Van Atten			Grading Quarter: Q3	Week Beginning: February 24, 2025			
School Year: 2024 - 25			Subject: 8 th Grade Science – Physical Science				
Monday	Notes:	and test-taking str test.	Test Prep Test Prep Academic Standards: Standards: NGSS: MS-PS4-1,2 MS-PS4-1,2 MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5				
Tuesday	Notes:	U2: Understanding SWBAT explore lig waves are reflecte Lesson Overview:	v-Hill Inspire Science Phys g Waves; M2: Light; L1: Ho ht as a wave and develop d, absorbed, or transmitt Students explore phenom ions and experiments on n.	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5			
Wednesday	Notes:	U2: Understanding SWBAT explore lig waves are reflecte Lesson Overview:	bjective: McGraw-Hill Inspire Science Physical Science 2: Understanding Waves; M2: Light; L1: How Light Travels WBAT explore light as a wave and develop models to describe how light aves are reflected, absorbed, or transmitted through various materials. esson Overview: Students explore phenomenon of a rainbow, and erform investigations and experiments on how light travels through edia and vacuum.				
Thursday	Notes:	U2: Understanding SWBAT explore lig waves are reflecte Lesson Overview:	v-Hill Inspire Science Phys g Waves; M2: Light; L1: Ho ht as a wave and develop d, absorbed, or transmitt Students explore phenom ions and experiments on	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5			
Friday	Notes:	U2: Understanding SWBAT explore lig waves are reflecte Lesson Overview:	v-Hill Inspire Science Phys g Waves; M2: Light; L1: Ho ht as a wave and develop d, absorbed, or transmitt Students explore phenom ions and experiments on	Academic Standards: NGSS: MS-PS4-1,2 MS-PS4.A AzSS 6.P1U1.1 8.P4U1.3,4 8.P4U2.5			