



"Empowering Minds, Inspiring Hearts, Shaping the Future"
 "تمكين العقول، إلهام القلوب، تشكيل المستقبل"

Subject Matter: Science

Semester: 2

2024 – 2025

Grade Level	8		Subject: Science	
Teacher(s) Name	Sara Abdelrahman- Hazar Kabarah			
Textbook	HMH-California Science Dimension			
Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code MOE
20	27 Jan	31 Jan	Unit 6 L.1-Waves Transfer Energy <i>(Introduction to Waves)</i>	MS-PS4-1
21	3 Feb	7 Feb	Unit 6 L.1-Waves Transfer Energy <i>(Introduction to Waves)</i>	MS-PS4-1
22	10 Feb	14 Feb	WINTER MAP TEST SCIENCE	
23	17 Feb	21 Feb	Unit 6 L.2-Waves Interact with Matter <i>(The Behavior of Mechanical Waves)</i>	MS-PS4-2
24	24 Feb	28 Feb	Project Week Q3	
25	3 Mar	7 Mar	Unit 6 L.2-Waves Interact with Matter <i>(The Behavior of Mechanical Waves)</i>	MS-PS4-2
26	10 Mar	14 Mar	Unit 6 L.3-Light Can Be Modeled as a Wave <i>(The Behavior of Light Waves)</i>	MS-PS4-1 MS-PS4-2

27	17 Mar	21 Mar	Unit 6 L.3-Light Can Be Modeled as a Wave (The Behavior of Light Waves)	MS-PS4-1 MS-PS4-2
28	7 Apr	11 Apr	Unit 5 L.4-Genetic Engineering Influences Traits in Organisms (Genetic Change and Traits)	MS-LS3-1
29	14 Apr	18 Apr	Unit 5 L.4-Genetic Engineering Influences Traits in Organisms (Genetic Change and Traits)	MS-LS3-1
30	21 Apr	25 Apr	Project Week Q4	
31	28 Apr	2 May	Unit 5 L.2-Natural Selection Explains How Populations Can Change (Natural Selection)	MS-LS4-4 MS-LS4-6
32	5 May	9 May	SPRING MAP TEST SCIENCE	
33	12 May	16 May	Unit 3 L.2-Case Study – Explaining Eclipses and Lunar Phases (The Earth-Sun-Moon System)	MS-ESS1-1
34	19 May	23 May	Unit 3 L.2-Case Study – Explaining Eclipses and Lunar Phases (The Earth-Sun-Moon System)	MS-ESS1-1
35			Revision +Finals	

Note: MAP & Projects Week dates change throughout the year