Dubai International Private School (Al-Quoz)

DIPS, in partnership with parents and community, strives to ensure all students are digitally literate, lifelong learners, productive citizens and nurture their well-being in an inclusive learning environment.



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

Science Department

Semester: 1 2025 – 2026

Grade Level		8	8 Subject: Science		
Teacher(s) Name		Mrs. Sara Abdelrahman			
Textbook		CALIFORNIA HMH SCIENCE DIMENSIONS			
Week #		Dates	Lesson Title / Pages	CCSS / NGSS Code / MOE	
1	Aug.25 th	Aug.29 th	Orientation + Scientific Methods	Pre-requisite Lesson	
2	Sept. 1 st	Sept. 5 th	Piagnostic Test + Forces Affect the Motion of Objects Unit 1 L.3 (Introduction to Forces)	MS-PS2-2	
3	Sept.8 th	Sept.12 th	Diagnostic Test + Forces Affect the Motion of Objects Unit 1 L.3 (Introduction to Forces)	MS-PS2-2	

4	Sept. 15 th	Sept.19 th	Newton's Laws for Motion Relate Energy, Forces, and Motion	MS-PS2-1
			Unit 1 L.4	MS-PS2-2
			(Newton's Laws for Motion)	
5	Sept.22 nd	Sept.26 th	Newton's Laws for Motion Relate Energy, Forces, and Motion	MS-PS2-1
			Unit 1 L.4	MS-PS2-2
			(Newton's Laws for Motion)	WO-1 02-2
6	Sept. 29 th	Oct.3 rd	Engineer it: Collisions between Objects	MS-PS2-1
			Unit 1 L.5	MS-ETS1-2
			(Collisions between Objects)	
7	Oct.6 th	Oct.10 th	PROJECT WEEK Q1	
8	Oct.13 th	Oct.17 th	Engineer it: Collisions between Objects	MS-PS2-1
			Unit 1 L.5	MS-ETS1-2
			(Collisions between Objects)	
9	Oct.20 th	Oct.24 th Oct 24 End of Quarter 1	FALL MAP TEST SCIENCE	
10	Oct.27 th	Oct.31st	Magnetic and Electromagnetic Forces	MS-PS2-3
			Act on Certain Objects	MS-PS2-5
			Unit 2 L.1	MS-PS3-2
			(Magnetic Forces)	

11	Nov.3 rd	Nov.7 th	Electric Forces Act on Charged Objects Unit 2 L.2 (Electric Forces)	MS-PS2-3 MS-PS2-5
12	Nov.10 th	Nov.14 th	Electric Forces Act on Charged Objects Unit 2 L.2 (Electric Forces)	MS-PS2-3 MS-PS2-5
13	Nov.17 th	Nov.21 st	Waves Transfer Energy Unit 6 L.1 (Introduction to Waves)	MS-PS4-1
14	Nov. 24 th	Nov.28 th	PROJECT WEEK Q2 + Waves Transfer Energy Unit 6 L.1 (Introduction to Waves)	MS-PS4-1
15	Dec.1st	Dec.5 th	Waves Transfer Energy Unit 6 L.1 (Introduction to Waves)	MS-PS4-1
16	Jan 5 th	Jan 9 th	Waves Interact with Matter Unit 6 L.2 (The Behavior of Mechanical Waves)	MS-PS4-2
17	Jan 12 th	Jan 16 th	Waves Interact with Matter Unit 6 L.2	MS-PS4-2

			(The Behavior of Mechanical Waves)	
18	Jan 19 th	Jan 23 rd	Light Can Be Modeled as a Wave (The Behavior of Light Waves)	MS-PS4-1 MS-PS4-2
19	Jan 26 th	Jan 30 th	Semester 1 Exams: Jan 22 nd to Jan 30 th	

Winter Break for Students: Dec 8 to Jan 4