



Dubai International Private School - BR.

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

2026-2027

Grade Level		8	Subject: Science	
Teacher(s) Name		Mrs.Halima- Mrs. Saranya-Mrs. Aseema-Mr. Umer		
Textbook		HMH-California Dimension		
Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code / MOE
1	Aug 31	Sept 4	Orientation + Scientific Methods	Pre-requisite Lesson
2	Sept 7	Sept 11	Diagnostic Test + Forces Affect the Motion of Objects (Introduction to Forces)	MS-PS2-2
3	Sept 14	Sept 18	Forces Affect the Motion of Objects (Introduction to Forces)	MS-PS2-2

4	Sept 21	Sept 25	Newton's Laws for Motion Relate Energy, Forces, and Motion (Newton's Laws for Motion)	MS-PS2-1 MS-PS2-2
5	Sept 28	Oct 2	**Fall MAP TEST WEEK	
6	Oct 5	Oct 9	Newton's Laws for Motion Relate Energy, Forces, and Motion (Newton's Laws for Motion)	MS-PS2-1 MS-PS2-2
	Oct 12	Oct 16	1 st Semester Break	
7	Oct 19	Oct 23	Engineer it: Collisions between Objects (Collisions between Objects)	MS-PS2-1 MS-PS2-2
8	Oct 26	Oct 30 Oct 30 End of Quarter 1	Engineer it: Collisions between Objects (Collisions between Objects)	MS-PS2-1 MS-PS2-2
9	Nov 2	Nov 6	Magnetic and Electromagnetic Forces Act on Certain Objects (Magnetic Forces)	MS-PS2-3 MS-PS2-5 MS-PS3-2
10	Nov 9	Nov 13	Electric Forces Act on Charged Objects (Electric Forces)	MS-PS2-3 MS-PS2-5

11	Nov 16	Nov 20	Electric Forces Act on Charged Objects (Electric Forces)	MS-PS2-3 MS-PS2-5
12	Nov 23	Nov 27 (1 day for National Day Celebration)	Waves Transfer Energy (Introduction to Waves)	MS-PS4-1
13	Nov 30	Dec 4 (Dec 2-Dec 4 National Day Holiday)	Waves Transfer Energy (Introduction to Waves)	MS-PS4-1
14	Dec 7	Dec 11	Waves Interact With Matter (The Behavior of Mechanical Waves)	MS-PS4-2
	Dec 14	Jan 1	Winter Break for All Students	
15	Jan 4	Jan 8	Waves Interact With Matter (The Behavior of Mechanical Waves)	MS-PS4-2
16	Jan 11	Jan 15	Light Can Be Modeled as a Wave (The Behavior of Light Waves)	MS-PS4-1 MS-PS4-2
17	Jan 18	Jan 22	Semester 1 Exams (French, Civics, Social studies) followed by regular Teaching Days for Revision.	
18	Jan 25	Jan 29	Semester 1 Exams	

**** Map Test week will be assigned throughout the semester for every grade level.**

