



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		7	Subject: Science	
Teacher(s) Name		Ms. Layal-Mr. Umer		
Textbook		HMH Science California Dimension		
Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code / MOE
1	Aug 31	Sept 4	Graphing Skills+ Unit Conversion	
2	Sept 7	Sept 11	Diagnostic Test+ Scientific Methods+ Unit Conversion (continuation	
3	Sept 14	Sept 18	Unit 5 LS-L3: Resource availability affects organisms. (Parts of an Ecosystem)	MS- LS2- 1
4	Sept 21	Sept 25	Unit 5 LS-L4: Patterns can be observed in interactions between organisms	MS-LS2-2
5	Sept 28	Oct 2	**Fall MAP TEST WEEK	
6	Oct 5	Oct 9	Unit 2-PS-L1: Patterns can be observed in organisms and Non-living things. (The properties of Matter)	MS-PS1-1

	Oct 12	Oct 16	1st Semester Break	
7	Oct 19	Oct 23	Unit 2-PS-L1: Patterns can be observed in organisms and Non-living things. (Calculation Part)	MS-PS1-1
8	Oct 26	Oct 30 Oct 30 End of Quarter 1	Unit 2-PS-L2: Matter exists in different states.	MS-PS1-1 MS-PS1-4
9	Nov 2	Nov 6	Unit 2- PS-L3: Changes of state are caused by changes in thermal energy.	MS- PS1-1 MS- PS1-4
10	Nov 9	Nov 13	Unit 2- PS-L3: Changes of state are caused by changes in thermal energy.	MS- PS1-1 MS- PS1-4
11	Nov 16	Nov 20	Unit 2-PS-L4: Organisms & nonliving things are made of atoms. (Atoms and Elements)	MS-PS1-1 MS-PS1-3
12	Nov 23	Nov 27 (1 day for National Day Celebration)	Unit 2-PS-L4: Organisms & nonliving things are made of atoms. (Molecules and Extended structures)	MS-PS1-1 MS-PS1-3
13	Nov 30	Dec 4 (Dec 2-Dec 4 National Day Holiday)	Unit 3-PS-L1: Matter changes identify in Chemical Reactions	MS-PS1-2 MS-PS1-5
14	Dec 7	Dec 11	Unit 3-PS-L1: Matter changes identify in Chemical Reactions	MS-PS1-2 MS-PS1-5
	Dec 14	Jan 1	Winter Break for All Students	
15	Jan 4	Jan 8	Unit 4-ESS-L3: The Flow of energy drives weathering, erosion and deposition. (Weathering, Erosion and Deposition)	MS- ESS2-1

16	Jan 11	Jan 15	Unit 4-ESS-L3: The Flow of energy drives weathering, erosion and deposition. (Weathering, Erosion and Deposition)	MS- ESS2-1
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.**