



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”



Math Department

Semester: 1

2026-2027

Grade Level		8	Subject: Mathematics	
Teacher(s) Name		Mr. Sajjad Masih & Mr. Majed Al Zen		
Textbook		HMH Into Math 8		
Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code / MOE
1	Aug 31	Sept 4	Revision and Diagnostic Test	
2	Sept 7	Sept 11	Lesson-1.2, Explore Translations.	G.CO. 4, G.CO. 5, G.CO. 6
3	Sept 14	Sept 18	Lesson-1.3, Explore Reflections.	G.CO. 4, G.CO. 5, G.CO. 6
4	Sept 21	Sept 25	Lesson-1.4, Explore Rotations.	G.CO. 4, G.CO. 5, G.CO. 6
5	Sept 28	Oct 2	Lesson-2.2, Explore Dilations.	G.CO. 4, G.CO. 5, G.CO. 6
6	Oct 5	Oct 9	Lesson-3.1, Solve Multi-step Linear Equations.	A.CED.1, A.REI.1,
	Oct 12	Oct 16	1 st Semester Break	
7	Oct 19	Oct 23	Lesson-3.2, Examine Special Cases	A.CED.1, A.REI.1,
8	Oct 26	Oct 30	Lesson-4.1, Develop Angle Relationships for Triangles Lesson-4.2, Investigate Angle-Angle Similarity	8.G.A.5
9	Nov 2	Nov 6	Lesson-5.2, Derive $y=mx$.	8.EE.B.5
10	Nov 9	Nov 13	Lesson-5.3, Interpret and Graph Proportional Relationships.	8.EE.B.5

11	Nov 16	Nov 20	Lesson-5.4, Compare Proportional Relationships.	8.EE.B.5
12	Nov 23	Nov 27	Lesson-6.1, Understand and Graph Functions	8.EE.C.8, 8.EE.C.8b
13	Nov 30	Dec 4	Lesson-6.2, Derive and Interpret $y=mx+b$.	8.EE.C.8, 8.EE.C.8b
14	Dec 7	Dec 11	Lesson-6.3, Interpret Rate of Change and Initial Value.	8.EE.C.8, 8.EE.C.8b
	Dec 14	Jan 1	Winter Break for All Students	
15	Jan 4	Jan 8	Lesson-14.1, Find Experimental Probability of Simple Events	8.P. H.A.1, 8.P. H.A.2
16	Jan 11	Jan 15	Lesson-14.1, Find Experimental Probability of Compound Events	8.P. H.A.1, 8.P. H.A.2
17	Jan 18	Jan 22	Semester 1 Exams	
18	Jan 25	Jan 29	Semester 1 Exams	