



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		12	Subject: CALCULUS	
Teacher(s) Name		Ebrahim Haj Hussein and Farhat Falou.		
Textbook		Thomas Calculus: Early Transcendentals 5 TH edition in SI Units.		
Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code / MOE
1	Aug 31	Sept 4	Orientation, Revision, Diagnostic Assessment.	
2	Sept 7	Sept 11	Lesson 2.4: One-Sided Limits.	C-A.2, C-A.3
3	Sept 14	Sept 18	Lesson 2.5: Limits involving Infinity: Asymptotes of Graphs	C-C.1, C-C.2, C-C.3
4	Sept 21	Sept 25	Lesson 2.6: Continuity.	C-E.1, C-E.2, C-E.6
5	Sept 28	Oct 2	Lesson 2.6: Continuity.	C-E.1, C-E.2, C-E.6
6	Oct 5	Oct 9	Lesson 3.2: The Derivative as a function.	C-F.5
	Oct 12	Oct 16	1 st Semester Break	
7	Oct 19	Oct 23	Lesson 3.2: The Derivative as a function.	C-F.5
8	Oct 26	Oct 30	Lesson 3.3: Differentiation Rules.	C-G.1,2,3,4 C-H.1,2,5,6,9,11
9	Nov 2	Nov 6	Lesson 3.3: Differentiation Rules.	C-G.1,2,3,4 C-H.1,2,5,6,9,11

10	Nov 9	Nov 13	Lesson 3.3: Differentiation Rules.	C-G.1,2,3,4 C-H.1,2,5,6,9,11
11	Nov 16	Nov 20	Lesson 3.5: Derivatives of Trigonometric Functions.	C-H.3, C-H.4
12	Nov 23	Nov 27	Lesson 3.6: The Chain Rule.	C-G.6, C-G.14, C-G.15
13	Nov 30	Dec 4	Lesson 3.6: The Chain Rule.	C-G.6, C-G.14, C-G.15
14	Dec 7	Dec 11	Lesson 3.6: The Chain Rule.	C-G.6, C-G.14, C-G.15
	Dec 14	Jan 1	Winter Break for All Students	
15	Jan 4	Jan 8	Lesson 3.7: Implicit Differentiation.	C-I.1, C-I.2
16	Jan 11	Jan 15	Lesson 3.7: Implicit Differentiation.	C-I.1, C-I.2
17	Jan 18	Jan 22	Semester 1 Exams	
18	Jan 25	Jan 29	Semester 1 Exams	