



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.



Subject Matter: Math

Semester: 1

2024 – 2025

Grade Level	10	Subject: Mathematics		
Teacher(s) Name	Khaled Al Ajami			
Textbook	Algebra 2 and Geometry			
Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code / MOE
1	26 Aug	30 Aug	Orientation, Grade 9 Revision, Baseline Assessment	
2	2 Sept	6 Sept	Lesson 2.1 Use Square Roots to solve Quadratic Equations.	Algebr a 2
3	9 Sept	13 Sept	Lesson 2.2: Operations with Complex Numbers.	Algebr a 2
4	16 Sept	20 Sept	Lesson 2.5: Derive and Apply and Using the Quadratic Formula.	Algebr a 2
5	23 Sept	27 Sept	Lesson 2.4: Graphing Quadratic Functions.	Algebr a 2
6	30 Sept	4 Oct	Lesson 2.6 Solving Quadratic Equations by Graphing.	Algebr a 2
7	7 Oct	11 Oct	Lesson 2.3: Solving Quadratic Equations by Completing the Square.	Algebr a 2

8	14 Oct	18 Oct	Lesson <u>3.7</u> Solving Linear Non-linear equations.	Algebra 2
9	21 Oct	25 Oct	Lesson <u>4.1</u> : Function operations.	Algebra 2
10	28 Oct	1 Nov	Lesson <u>4.2</u> : Operations with Polynomials.	Algebra 2
11	4 Nov	8 Nov	Lesson <u>4.3</u> : Multiply polynomials.	Algebra 2
12	11 Nov	15 Nov	Lesson <u>4.4</u> Factor Polynomials.	Algebra 2
13	18 Nov	22 Nov	Lesson <u>4.5</u> Dividing Polynomials.	Algebra 2
14	25 Nov	29 Nov	Lesson <u>7.3</u> Graph square and Cube root function.	Algebra 2
15	2 Dec	6 Dec	Lesson <u>7.1</u> : Inverse functions and function composition.	Algebra 2
16	9 Dec	13 Dec	Lesson <u>7.2</u> : Inverse of quadratic and cubic functions.	Algebra 2
17	6 Jan	10 Jan	Lesson <u>7.5</u> Solve Radical Equations.	Algebra 2
18	13 Jan	17 Jan	Final Exams	
19	20 Jan	24 Jan	Final Exams	