



**Semester: 1**

**2025 – 2026**

Grade Level		Grade 11	Subject: Mathematics	
Teacher(s) Name		Farhat - Mohamed		
Textbook		Algebra 2		
Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code / MOE
1	Aug.25 <sup>th</sup>	Aug.29 <sup>th</sup>	Orientation, Grade 10 Revision, <b>Diagnostic Assessment</b>	Worksheets
2	Sept. 1 <sup>st</sup>	Sept. 5 <sup>th</sup>	Lesson 5.1: Solve polynomial equations.	HSA-APR.B.3 HSA-REI.B.4. B
3	Sept.8 <sup>th</sup>	Sept.12 <sup>th</sup>	Lesson 5.1: Solve polynomial equations.	HSA-APR.B.3 HSA-REI.B.4. B
4	Sept. 15 <sup>th</sup>	Sept.19 <sup>th</sup>	Lesson 5.2: The Fundamental Theorem of Algebra.	HSN-CN.A.1 HSN-CN.C.7
5	Sept.22 <sup>nd</sup>	Sept.26 <sup>th</sup>	Lesson 5.2: The Fundamental Theorem of Algebra.	HSN-CN.A.1 HSN-CN.C.7
6	Sept. 29 <sup>th</sup>	Oct.3 <sup>rd</sup>	Lesson 12.1: Trigonometric identities.	HSF-TF.C.8 HSF-TF.C.9
7	Oct.6 <sup>th</sup>	Oct.10 <sup>th</sup>	Lesson 12.1: Trigonometric identities.	HSF-TF.C.8 HSF-TF.C.9

8	Oct.13 <sup>th</sup>	Oct.17 <sup>th</sup>	<b>Lesson 12.3: Sum and difference identities.</b>	<b>HSF-TF.C.9</b>
9	Oct.20 <sup>th</sup>	Oct.24 <sup>th</sup> <b>Oct 24 End of Quarter 1</b>	<b>Lesson 12.3: Sum and difference identities.</b>  <b>Lesson 12.4: Double angle and half angle identities</b>	<b>HSF-TF.C.9</b>
10	Oct.27 <sup>th</sup>	Oct.31 <sup>st</sup>	<b>Lesson 12.4: Double angle and half angle identities</b>	<b>HSF-TF.C.9</b>
11	Nov.3 <sup>rd</sup>	Nov.7 <sup>th</sup>	<b>lesson 12.5: Solving Trigonometric equations</b>	<b>HSF-TF.C.9</b> <b>HSF-TF.C.10</b>
12	Nov.10 <sup>th</sup>	Nov.14 <sup>th</sup>	<b>lesson 12.5: Solving Trigonometric equations</b>	<b>HSF-TF.C.9</b> <b>HSF-TF.C.10</b>
13	Nov.17 <sup>th</sup>	Nov.21 <sup>st</sup>	<b>Lesson 8.3: Compound Interest</b>	<b>HSF-LE.A.1. B</b> <b>HSA-SSE.B.3.C</b>
14	Nov. 24 <sup>th</sup>	Nov.28 <sup>th</sup>	<b>Lesson 8.3: Compound Interest</b>  <b>Lesson 9.1: Logarithms and Logarithmic Functions</b>	<b>HSF-LE.A.1. B</b> <b>HSA-SSE.B.3.C</b> <b>HSF-LE.A.2</b> <b>HSF-LE.A.4</b>
15	Dec.1 <sup>st</sup>	Dec.5 <sup>th</sup>	<b>Lesson 9.1: Logarithms and Logarithmic Functions</b>	<b>HSF-LE.A.2</b> <b>HSF-LE.A.4</b>
16	Jan 5 <sup>th</sup>	Jan 9 <sup>th</sup>	<b>Lesson 9.2: Graph Logarithmic Functions.</b>	<b>HSF-IF.4</b> <b>HSF-IF.7e</b>
17	Jan 12 <sup>th</sup>	Jan 16 <sup>th</sup>	<b>Lesson 9.2: Graph Logarithmic Functions.</b>	<b>HSF-IF.4</b> <b>HSF-IF.7e</b>
18	Jan 19 <sup>th</sup>	Jan 23 <sup>rd</sup>	<b>Lesson 10.1: Properties of Logarithms</b>	<b>HSA-SSE.2</b> <b>HSA-APR.3</b>
19	Jan 26 <sup>th</sup>	Jan 30 <sup>th</sup>	<b>Semester 1 Exams: Jan 22<sup>nd</sup> to Jan 30<sup>th</sup></b>	

**Winter Break for Students: Dec 8 to Jan 4**