



Overview: (Math Department)

Semester: 2

2024 – 2025

Grade Level		12	Subject: Mathematics	
Teacher(s) Name		Khaled Al Ajami		
Textbook		Statistics		
Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code / MOE
20	27 Jan	31 Jan	Lesson 4.2 Probability Distribution for a Discrete Random Variable	HSS.ID. A.1
21	3 Feb	7 Feb	Lesson 4.3 Mean and Standard Deviation of Discrete Random Variables	HSS.ID. A.2
22	10 Feb	14 Feb	Lesson 4.4 Sums and Differences of Independent Random Variables	HSS.ID. A.3
23	17 Feb	21 Feb	Lesson 4.5 The Binomial Probability Distribution	HSS.ID. B.5
24	24 Feb	28 Feb	Lesson 4.6 The Poisson Probability Distribution	HSS.ID. B.6
25	3 Mar	7 Mar	Lesson 4.7 Geometric Probability Distribution	HSS.IC. B.7
26	10Mar	14 Mar	Lesson 5.1 The Standard Normal Probability Distribution	HSS.MD. A.1
27	17 Mar	21 Mar	Lesson 5.2 The Density Curve of the Normal Distribution	HSS.MD. B.2
28	7Apr	11 Apr	Lesson 5.3 Applications of the Normal Distribution	HSS.MD. C.3
29	14 Apr	18 Apr	Lesson 7.1 Sampling Distribution	HSS.IC. A.1

30	21 Apr	25 Apr	Lesson 7.2 The z Score and the Central Limit Theorem	HSS.IC. A.2
31	28 Apr	2 May	Lesson 7.3 Confidence Intervals	HSS.IC. A.3
32	5May	9 May	Lesson 9.1 Scatterplots and Linear Correlation	HSS.REI. D.1
33	12 May	16 May	Final Exams	
34	19 May	23 May	Final Exams	
35	26May	30 May		
36	2 Jun	6 Jun		
37	9 Jun	13 Jun		
38	16 Jun	20 Jun		
39	23 Jun	27 Jun		