## Unit 6: Sinusoidal Functions

MCR 3UI

Day	Date	Торіс	Homework Practice
62	Fri. May 12	Unit 5B Trig Identities Quiz	p. 344 #1 – 7 (If any of these understandings are missing, get help ASAP!)
63	Mon. May 15	<b>Ch. 6 Sinusoidal Functions</b> 6.1 Properties of Periodic Functions 6.2 Developing the Sine Function	pp. 352-355 #1 – 8 Complete the cosine function sketch.
64	Tues. May 16	<ul><li>6.2 Investigating Properties of Sinusoidal Functions</li><li>6.3 Interpreting Sinusoidal Functions</li></ul>	<b>READ pp. 359-363</b> pp. 363-364 #1 – 4, 8, 9 [15,16] pp. 370-372 #1 – 8, 13 [15]
65	Wed. May 17	<b>Quiz 6.1</b> 6.4 Transformations of Sinusoidal Functions	pp. 377-378 A – U p. 379 #1 – 3
66	Thurs. May 18	6.5 Using Transformations to Sketch Sinusoidal Functions (Day1)	pp. 383-385 #1 – 4 [12] <b>Sketch #3 by hand</b>
67	Fri. May 19	6.5 Using Transformations to Sketch Sinusoidal Functions (Day2)	pp. 384-385 #5 – 9[13]
	Mon. May 22	🕲 Victoria Day Holiday 🕲	
68	Tues. May 23	6.6 Investigating Models of Sinusoidal Functions	pp. 391-393 #1 – 6, 9, 12 [13,14]
69	Wed. May 24	<b>Quiz 6.2</b> 6.7 Solving Problems Using Sinusoidal Models	pp. 398-401 #1 – 4, 6, 7, 9 [13]
70	Thurs. May 25	Review	pp. 404-405 #1 – 3, 6, 8 – 10, 12, 13
71	Fri. May 26 [ <b>Relay for Life</b> ]	<b>Ch. 7 Sequences &amp; Series</b> 7.1 Arithmetic Sequences	pp. 424-425 #1 – 13, 15, 16
72	Mon. May 29	7.2 Geometric Sequences	p. 426 A – H pp. 430-432 #1 – 3, 5 – 11 [18-20]
73	Tues. May 30 (extra help at lunch)	UNIT 6 SUMMATIVE	p. 447 #1 – 6
74	Wed. May 31 (extra help at lunch)	7.5 Arithmetic Series	pp. 452-453 #(1 – 7)ace, 11, 13 [15,16]
75	Thurs. June 1 (extra help at lunch)	<b>Quiz 7.1</b> (on Sequences) ( <i>Formative</i> ?) 7.6 Geometric Series	pp. 459-461 #(1 – 6)ace, 9, 11, 13 [16,18]
76	Fri. June 2	7.7 Pascal's Triangle & Binomial Expansions	p. 466 #1 – 3, (4 – 5)ace, 6, 8, 10 & Begin Review
77	Mon. June 5	Review	pp. 468-469 #3, 4, 7 – 10, (14 – 16)ace, 18ace, 19b, 20, 22, 23ace p. 470 #1 – 5, 7, 8
78	Tues. June 6 (extra help at lunch)	Ch. 8 Financial Applications 8.1 Simple Interest 8.2 Compound Interest	pp. 481-482 #5 – 10 pp. 490-492 #4 – 9, 11, 14 [20]
79	Wed. June 7 (extra help at lunch)	<b>UNIT 7 SUMMATIVE</b>	
80	Thurs. June 8 (Athletic Banquet)	8.3 Compound Interest (Present Value)	pp. 498-499 #3 – 6, 8, 9, 11
81	Fri. June 9	8.4 Annuities (Future Value)	pp. 511-512 #2, 5ac, 6, 7