Day	Date	Topic	Text Reference	Exercise
51	Thurs. Nov. 15	6.1 Radian Measure	pg 320	#1aceg, 2aceg, 3bc, 4bc, 5, 7ab, 8ab, 9ac, 11, 12, 13. Challenge! #10, 16* **the answer for 16 should be about 86.81 radians per second (please change this in the back of the text)*
52	Fri. Nov. 16	**P.D. Day**		
53	Mon. Nov. 19	6.2 Radian Measure and Angles on the Plane	pg 330	#2ab, 3, 5acdf, 6cdef, 7ad, 11, 13, 15, 16 Challenge! #19
54	Tues. Nov. 20	6.3 Exploring Graphs of the Primary Trigonometric Functions	pg 333 pg 336	(A – L) Supplementary Discovery Activity #2c, 3, 5
55	Wed. Nov. 21	6.4 Transformations of Trigonometric Functions	pg 343	Page 343 #1ad, 4bc, 5ac, 6c, 7bc, 8c*d* graph (do not sketch), 9, 10* graph (do not sketch), 11, 12, 14a
56	Thurs. Nov. 22	**(Formative 6.1)** Take-up homework		
57	Fri. Nov. 23	6.5 Exploring Graphs of the Reciprocal Trigonometric Functions	pg 353	Page 353 #1, 2, 3, 7* * for #7 graph on the interval $-2\pi \le x \le 2\pi$ **Also**, they must be graphs not sketches.
58	Mon. Nov. 26	**(Formative 6.2)** 6.6 Modelling with Trigonometric Functions	Read the 3 Examples pg 354* *Typo on Page 355, half way down the page: Change **H(18) to H(6.5)**	Page 360 #1, 3, 5, 7, 8, 10*, 11% *Answers in the text are incorrect. Change them to: 10a) $n(t) = 3.7\cos(\frac{2\pi}{365}(t-172))+12$ 10b) 9.2 hours Also, for #10a change the instruction from "*n*th" day to "*t*-th day" % remember Example 2? Also, the answer for 11 is incorrect. The "d" value is not 116; it is approx. 102 Challenge! #13
59	Tues. Nov. 27	On Next Page		

59	Tues. Nov. 27	Enrichment and Review Day 1	pg 376	IS YOUR CALCULATOR IN RADIAN MODE? #1 to 4, 5b, 6, 8, 11d, 12, 13, 14, 16&, 19* &: for 16, a *d*-value of about 0.3 is acceptable * for 19d, sub in $h = \pm 0.01$ immediately *Note final answer corrections:* *#6 a)* $\tan\theta = \pm\frac{12}{5}$ *#6 c)* $\theta = 2.0 \, or \, 4.3$ *#19d) approx. -144* IS YOUR CALCULATOR IN RADIAN MODE? Page 378 Self-Test. **Note:** do not use a calculator for #2. In #6 answers may vary. For #8a, use only a cosine function. *Note final answer corrections:* *#1: y = tan x is <u>also</u> a function that is possible!* *#3: y = 94.9*
60	Wed. Nov. 28	Review Day 2		
61	Thurs. Nov. 29	**UNIT 6 SUMMATIVE**		