10, 11, 12 SSA

Brief outline of topics covered:

**Ch. 10 The Unit Circle and Radian Measure**

1. Radian measure



1. Are length and Sector Area

In Radians: , 

In Degrees: 

1. Unit Circle and Soh, Cah, Toa

Note: Remember your special triangles!

1. Areas of triangles



**Ch. 11 Non-Right angled Trigonometry**

1. The Cosine Rule



1. The Sine Rule



1. Using the sine and cosine rule

Problem solving, and BEARINGS!

**Ch. 12 Advanced Trigonometry**

1. Observing Period behavior
2. The sine function
3. Modelling using sine and cosine functions
4. The cosine function
5. The tangent function
6. Trigonometric equations
	1. Solve by hand, graphically, and approximating given a graph
7. Using sine and cosine models
8. Reciprocal trigonometric equations
9. Trigonometric relationships
10. Compound Angle formula
11. Double angle formula
12. Trigonometric equations in quadratic form
13. Trigonometric series and products

Be familiar with all of the equations on the formula sheet:

Other items to have MEMORIZED:

1. How to convert between degrees and radians
2. Soh, cah, toa
3. Special triangles for finding EXACT values

What else?!