



Week	Topic/Objectives	Strategies	Activities	Resources	Websites
Term 1 Week 8	3.3 – 3.4 Multiplication of a Matrix by a Scalar, Multiplication of Matrices <ul style="list-style-type: none"> perform scalar multiplication and multiplication of matrices (where possible) solve problems involving the calculation of the sum and product of two matrices (where appropriate) 	Introducing scalar multiplication of a matrix and multiplication of two matrices by examples Demonstrating the applications of matrix operations in solving daily life problems	p.80 Class Activity 2 http://en.wikipedia.org/wiki/Arthur_Cayley	p.73-77 Textbook p.77-86 Textbook E-book Teacher's Guide	http://people.hofstra.edu/Stefan_Waner/realWorld/tutorialsf1/frames3_2.html http://www.analyzemath.com/matrixmultiplication/matrixmultiplication.html http://www.sosmath.com/matrix/matrix1/matrix1.html
Term 1 Week 9	Chapter 4 Vectors In Two-Dimensions 4.1 Introduction to Vectors <ul style="list-style-type: none"> understand that a vector consists of both magnitude and direction represent a vector by a directed line segment represent a vector and its magnitude using various notations find the magnitude and direction of a vector 	Introducing a vector as a quantity which has both magnitude and direction Giving examples of vectors in real life situations Describing the representation and notation of vectors using directed line segments Introducing equal vectors		p.92-98 Textbook E-book Teacher's Guide Chapter 4 divider; NE Message 4. (Refer to Appendix to SOW)	http://illuminations.nctm.org/ActivityDetail.aspx?ID=42 http://www.bbc.co.uk/schools/gcse/bitesize/math/activities/vectors.shtml http://mathforum.org/~klotz/Vectors/vectors.html http://id.mind.net/~zonal/mstm/physics/mechanics/vectors/introduction/introduction Vectors.html
Term 1 Week 10	Revision/Exam/Test				