## Chapter layout

(1) KEY CONCEPTS - Each chapter begins with a list of the key ideas covered in each section of the chapter.
(2) EXPLORATION - Commonly, the Key Canceqts of a chapter are first introduced in an Explaration where students work in or out of class, individually or in groups. These can form the basis of rich assessment tasks.
(3) CONCLUSION - After each Explaration there is a discussion about the mathematics covered in the Exploration
(4) CHECK YOUR UNDERSTANDING - After each Keg Coneqt is explored and discussed, students are given an opportunity to check how well they have learnt the idea in the Check your understanding. There is one of these for each KeyConcept
5 ANSWERS - To assist with the student's understanding, the answers immediately follow each of the Check your understanding's.
6 CHALLENGE FOR CHAMPIONS - These are for students who feel that they have mastered the Key Coneqts of the section and are looking for more challenging tasks. These can also form the basis of rich assessment tasks.
(7) ENRICHMENT - Throughout the textbook, there are references to Enridment tasks and links at MIC, the web site that accompanies the text. These can also form the basis of rich assessment tasks.


8 PROJECT - Each chapter ends with a suggested Prget that encourages the student to synthesise the Key Concepts of the chapter. It is suggested that the Prget be completed in the Technical report genre. There are suggested ideas for the projects and a link to MIC. These can also form the basis of rich assessment tasks.
(9) CHAPTER REVIEW - In addition to the Prgeet, each chapter ends with a battery of graded questions that test the student's mastery of the Key Concets The review ranges from simple questions that check the student's Knowledge and Understanding, and Skills and Procedures, through to complex questions that give them an opportunity to Utilise their knowledge and do Explorations and Problem Solving.


