

'Guided Tour' for Essential Maths

The focus of the book is to encourage learners to become confident users of mathematical skills, and to build on the knowledge already acquired in earlier stages of education. To this end, a number of specific pedagogic features have been incorporated:

Intended learning outcomes ...

make it clear what the reader will be able to do if they work carefully through the material of the chapter. Can also be used as a 'checklist' when the reader has completed work on the chapter, to ensure that they've covered everything.

Prerequisites ...

spell out what earlier material must have been thoroughly grasped if the reader is to get full value from their work on this chapter

Before you start boxes ...

help to build readers' confidence by encouraging them to reflect on what they already know about the topic from their earlier work.

Pause for reflection boxes ...

encourage readers not to be instrumental in their learning, but to reflect on concepts as well as learning to use techniques

Test your understanding boxes ...

at frequent intervals within chapters provide more straightforward examples for reinforcing learning of techniques. Further examples of this kind are available via the Companion Website.

Putting it all together sections ...

at the end of chapters recapitulate the material covered in the chapter and place it in an applied business context

What have you learned boxes ...

reinforce learning and consolidate confidence by encouraging readers to recognise their increasing level of understanding and competence

Exercises ...

provide more demanding examples which cover the full range of topics included in the chapter.

Case studies ...

give readers an opportunity to utilise their recently-acquired skills in a practical business context, and provide motivation for further development of these skills