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Introduction

Although the units in this book are arranged in sections that roughly correspond to a sequence of middle-year maths skills, within each section there is a variation of complexity that provides you with a good deal of flexibility. If you teach advanced students, you can find several challenging activities in the numbers section. Conversely, many of the space units are simple enough for less advanced students. As is typical of creative thinking activities, a great number of units should challenge all students.

The chart that follows lists the creative and critical thinking skills called for in the units. You can use the chart to promote thinking skills and help your students develop those skills. Often, a skill such as originality or fluency is emphasised in books that promote creative thinking while other skills such as withholding judgment and being flexible are excluded. As important as original thinking is, the individual also needs the other creative and critical thinking skills to bring ideas to fruition.

