

# Scope and Sequence

## How to Use

- 1 Kinds of mathematics
- 2 Symmetry of graphs and equations
- 3 Interpolation
- 4 Factoring techniques
- 5 Using factoring techniques to simplify rational expressions
- 6 Trig applications
- 7 More trig applications
- 8 Bearings and headings
- 9 Navigation
- 10 More navigation
- 11 Proving cosine difference identity
- 12 Unit circle
- 13 Using trigonometry to find the area of a triangle
- 14 Rational roots test and the fundamental theorem of algebra
- 15 Synthetic division
- 16 More on the fundamental theorem of algebra
- 17 The remainder theorem
- 18 Vector applications - navigation and force
- 19 Graphs of common functions
- 20 Transformations of common functions
- 21 Inverse functions
- 22 More on natural log; the “most beautiful equation”
- 23 Continuous and discontinuous functions
- 24 Application of sine curve
- 25 Graphing calculators
- 26 Three dimensional coordinate systems
- 27 Using series to find natural log
- 28 Solving expressions with two inequality signs
- 29 Solving algebraic inequalities with quotients
- 30 Definition of the derivative

## Solutions

## Glossary

## Index