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| Descrizione fisica | 1 online resource (320 p.) |
| Collana | Resources for teaching |
| Disciplina | 510.71/2 |
| Soggetti | Mathematics - Study and teaching (Secondary) <br> Curriculum planning <br> Lesson planning <br> Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Includes index. |
| Nota di contenuto | Contents; Acknowledgements; Introduction; 1 A Tale of Two Numbers; 2 Acting Your Age?; 3 Arc Drawings; 4 Area of a Triangle; 5 Bearings; 6 Beat the Calculator!; 7 Being Human; 8 Being Irrational; 9 Building a Wall; 10 Cake-Cutting Contest; 11 Circle Theorems; 12 Circular Argument; 13 Congruence; 14 Connect Four; 15 Constructions; 16 Counting Squares; 17 Cutting a Square; 18 Equable Sectors; 19 Equivalent Fractions; 20 Factorizing Quadratics; 21 Fill it Up!; 22 Fly on the Wall; 23 Functions; 24 Golden Rectangles; 25 Graphical Linear Inequalities; 26 Graphical Solutions of Equations 27 Histograms28 Identities; 29 Indices; 30 Inverse Functions; 31 Kim's Game; 32 Many Faces; 33 Maximum Product; 34 Monkeying Around; 35 Odd Ones Out; 36 Ordering Fractions; 37 Percentage Increases and Decreases; 38 Pint Cone; 39 Polygon Areas; 40 Prime Numbers; 41 Prime-Generating Formulae; 42 Probability Pi; 43 Properties of Circles; 44 Proportionality; 45 Pythagoras' Theorem; 46 Quadratic Probabilities; 47 Quadratics in Disguise; 48 Radical Equations; 49 Randomness; 50 Rationalizing Denominators; 51 Recurring Decimals; 52 Reverse Percentages; 53 Rounding; 54 Set Theory; 55 Similarity |

56 Simpson's Paradox57 Solving Quadratic Equations; 58 Straight-Line Graphs; 59 Surds; 60 Surface Area and Volume of a Cuboid; 61 Surface Area and Volume of a Sphere; 62 Tetraphobia; 63 The Cosine Rule; 64 The Sine Rule; 65 Throwing a Coin; 66 Trial and Improvement; 67 Trigonometry; 68 Twenty Questions; 69 Vectors; 70 Winner Takes All!; Other Resources; Index
Sommario/riassunto This resource contains 70 complete lesson plans with complementary worksheets for the students, specifically designed for GCSE level maths. This book contains 70 ready-to-use maths lessons suitable for the new GCSE Mathematics curriculum. The lesson plans contain objectives from both the D-G range and the A-C range to make them adaptable for different sets or for use in a mixed-ability context. Each lesson consists of a left-hand page for the teacher, outlining the structure of the lesson from a starter through to homework, and a right-hand photocopiable pupil worksheet to provide a setting in

