



Kangaroo Math Grades 5 & 6

A 7-month, six-belt Kangaroo Math program for Grades 5 and 6, covering plane and solid geometry, perimeter and area, calculation with natural and rational numbers, mental-math technique, percentages, the metric system and time-distance-velocity problems, with past-paper practice in every belt.

6 belts

30 topics

Grade 5

Completes in 7 Months & 2 Weeks

○ White Belt 1

Arena 1 · 5 Weeks

1. Points, lines, segments
2. circles
3. (Special) triangles
4. (Special) quadrilaterals
5. Review & Assessment

○ White Belt 2

Arena 1 · 5 Weeks

1. Symmetry
2. Perimeter and area of squares and rectangles
3. Perimeter and area of right triangles
4. An intuitive approach to solid geometry
5. Past papers (assessments)

● Yellow Belt 1

Arena 2 · 5 Weeks

1. Calculations with natural numbers
2. Recognizing multiples of 2, 3, 5, 9 and 10
3. calculations with positive rational numbers (fractions or decimals)
4. calculations with positive rational numbers (fractions or decimals)
5. Past paper practice

● Yellow Belt 2

Arena 2 · 5 Weeks

1. algebraic notation - mental math
2. Counting problems - Mental Math
3. formulas Problems with decimal number system - Mental math
4. problems with order between numbers (integers, decimals, fractions) – Mental Math
5. Past papers (assessments)

● Green Belt 1

Arena 3 · 5 Weeks

1. Problems with order between links with the representations (on graduate line, surfaces, ...) - Mental Math
2. problems with percentages
3. Metric system (length, weight, area)
4. Metric system (volume, temperature, time)
5. Past paper practice

1. Problems using time, distance and/or velocity
2. Logical problems
3. analyzing a limited number of cases or hypotheses
4. Past papers (Review)
5. Past papers (assessments)