

List of abbreviations on 2001 SMILE Network

ANGLE	SMILE software 'Angle Estimation' available from SMILE Mathematics
COORD	SMILE software 'Co-ordinates' available from SMILE Mathematics
DfEE	SMILE software Ref: 0260/2000 available from DfEE
DIME	A variety of materials available from Tarquin
ENRICH	SMILE software 'Co-ordinates' available from SMILE Mathematics
GRAPH	SMILE software 'Graphing' available from SMILE Mathematics
INVEST	SMILE software 'Investigation' available from SMILE Mathematics
INVEST Pgxx	Page number from Student's Handbook 'Investigation' available from SMILE Mathematics
MA Poster	Poster available from Mathematics Association
MATH PUZ	SMILE software 'Mathematical Puzzles' available from SMILE Mathematics
MOVE	SMILE software 'Movement' available from SMILE Mathematics
MOVE Pgxx	Page number from Student's Handbook 'Movement' to be printed from the CD available from SMILE Mathematics
NUM	CD 'Numeracy' available from SMILE Mathematics
PROP/NO	CD 'Properties of Number' available from SMILE Mathematics
PROP/NO Pgxx	Page number from Student's Handbook 'Properties of Number' to be printed from the CD available from SMILE Mathematics
SENSE/NO	SMILE software 'Sense of Number' available from SMILE Mathematics
SENSE/NO Pgxx	Page number from Student's Handbook 'Sense of Number' to be printed from the CD available from SMILE Mathematics
TARQUIN Poster	Poster available from Tarquin

List of Commercial Referenced activities in SMILE number order.

0581 Using a Mirror (DIME - Reflection Activities PP)	1340 Pattern and Notation (DIME - Pre-Algebra)
0778 Tangram Tree (MA Poster)	1341 Number Machines (DIME - Pre-Algebra PP)
0906 Tak Tiles A (DIME - TakTiles PP3)	1342 Mappings and Graphs (DIME - Pre-Algebra)
0907 Tak Tiles B (DIME - TakTiles PP3)	1343 Simple Mappings (DIME - Pre-Algebra PP)
0908 Tak Tiles C (DIME - TakTiles PP3)	1344 Further Mappings (DIME - Pre-Algebra PP)
0909 Tak Tiles D (DIME - TakTiles PP3)	1354 Euler Solids (MA Poster)
1331 Equal Angles (DIME - The Rotagram PP)	1482 Tricky Sum (MA Poster)
1332 Rotations (DIME - The Rotagram PP)	1604 Nim (SMILE software Mathematical Puzzles)
1333 Directions (DIME - The Rotagram PP)	1605 Guess (SMILE software Sense of Number)
1334 Recognising Solids (DIME - 3-D Sketching PP)	1606 GuessD (SMILE software Sense of Number)
1335 Sketching Solids (DIME - 3-D Sketching PP)	1607 Elephant (SMILE software Co-ordinates)
1336 Turning and Toppling (DIME - 3-D Sketching)	1608 Reverse (SMILE software Mathematical Puzzles)
1337 Reflections (DIME - 3-D Sketching PP)	1609 Maze (SMILE software Movement)
1338 Wedges (DIME - 3-D Sketching PP)	1620 Bounce (DfEE)
1339 Flags (DIME - Pre-Algebra PP)	1621 Rhino (SMILE software Co-ordinates)

- 1622 Vectmeet** (SMILE software Movement)
- 1624 Snooker** (SMILE software Angle Estimation)
- 1625 Box** (SMILE software Sense of Number)
- 1626 Boat** (SMILE software Mathematical Puzzles)
- 1641 Lines** (SMILE software Co-ordinates)
- 1650 Take Part** (Software - DIFE)
- 1651 Frog** (SMILE software Mathematical Puzzles)
- 1652 Jugs** (SMILE software Mathematical Puzzles)
- 1653 Master**(SMILE software Mathematical Puzzles)
- 1654 Racegame** (SMILE software Movement)
- 1666 Tower** (SMILE software Sense of Number)
- 1667 Pilot** (SMILE software Movement)
- 1691 Predict** (SMILE software Mathematical Puzzles)
- 1702 Circle** (SMILE software Investigations)
- 1708 Factor** (SMILE software Properties of Number)
- 1714 Queens** (SMILE Properties of Number Students' HB Pg 35)
- 1715 Locate** (SMILE software Co-ordinates)
- 1718 Line Symmetry A 1 - 4** (DIME - Line Symmetry Puzzles A PP5A)
- 1719 Line Symmetry A 5 - 10** (DIME - Line Symmetry Puzzles A PP5A)
- 1721 Angle 90°** (SMILE software Angle Estimation)
- 1728 BoxD** (SMILE software Sense of Number)
- 1729 Minimax** (SMILE software Sense of Number)
- 1730 Wall** (SMILE software Sense of Number)
- 1731 Rose** (SMILE software Investigations)
- 1732 3D Maze** (SMILE software Movement)
- 1745 Identify** (SMILE software Properties of Number)
- 1746 Define** (SMILE software Properties of Number)
- 1747 Darts** (SMILE software Numeracy)
- 1755 Hopslide** (SMILE software Mathematical Puzzles)
- 1756 Tadpoles** (SMILE software Mathematical Puzzles)
- 1767 AddsUpTo** (SMILE software Numeracy)
- 1776 Spirals** (SMILE software Investigations)
- 1777 Avoid each other** (SMILE Investigations Students' HB Invest Pg 35)
- 1778 Jumping** (SMILE software Mathematical Puzzles)
- 1779 Lineover** (SMILE software Graphing)
- 1785 Invest. Queens** (SMILE Movement Students' HB Pg 35)
- 1787 Angle 360°** (SMILE software Angle Estimation)
- 1796 Plotter** (SMILE software Graphing)
- 1798 Quilts** (SMILE software Investigations)
- 1820 Parallels** (SMILE software Graphing)
- 1833 Magic** (SMILE software Numeracy)
- 1834 Tenners** (SMILE software Numeracy)
- 1835 Magnify** (SMILE software Sense of Number)
- 1836 3inaline** (SMILE software Co-ordinates)
- 1840 PointsAndLines** (SMILE software Graphing)
- 1841 Interlocking Squares** (DIME - Shape Recognition PP1)
- 1842 Shapes Jigsaw** (DIME - Shape Recognition PP2)
- 1851 Regions** (SMILE software Graphing)
- 1852 Foxes and Chickens** (SMILE software Graphing)
- 1853 Pinball** (SMILE software Investigations)
- 1855 Quadratic Mappings** (DIME - Pre-Algebra PP)
- 1866 Mirror Match** (DIME - Reflection Activities PP)
- 1876 Fill the Shape** (DIME - Build-up PP)
- 1877 Add a Cube or Two** (DIME - Build-up PP)
- 1878 Two Blocks** (DIME - Build-up PP)
- 1879 Build and Balance** (DIME - Build-up PP)
- 1880 More than Two Blocks** (DIME - Build-up PP)
- 1882 Wedges 1** (DIME - Build-up PP)
- 1883 Wedges 2** (DIME - Build-up PP)
- 1889 Regular Tilings 1** (DIME - Regular Tilings Project)
- Use A Triangles, B Convex Quadrilaterals, C Concave Quadrilaterals, E 2 Sizes of Squares.
 - For each activity do questions 1 - 3.
- 1890 Regular Tilings 2** (DIME - Regular Tilings Project)
- Use F Polygons.
 - Do questions 1 - 4.
- 1891 Regular Tilings 3** (DIME- Regular Tilings Project)
- Use D Pentagons.
 - Do questions 1 - 3.
- 1892 Line Symmetry B 1 - 3** (DIME- Line Symmetry Puzzles B PP5B)
- 1893 Line Symmetry B 4 - 6** (DIME- Line Symmetry Puzzles B PP5B)
- 1894 Line Symmetry B 7 - 10** (DIME- Line Symmetry Puzzles B PP5B)
- 1896 Spatial Reasoning** (DIME - Spatial Reasoning Puzzles PP7)

- 1903 Numbers** (SMILE software Properties of Number)
- 1908 Pattern Pack A** (DIME - Pattern Pack A PP6A)
- 1909 Pattern Pack B** (DIME - Pattern Pack B PP6B)
- 1920 Pattern Spotting** (SMILE Properties of
Number Students' HB Pg 16)
- 1936 Many Grids** (SMILE Properties of
Number Students' HB Pg 28)
- 1950 Diagonal Multiples** (Students' HB Properties
of Number Pg 29)
- 1961 One Million** (TARQUIN Poster)
- 1966 Curve Stitching** (TARQUIN Poster)
- 1967 One Dice** (DIME - Probability Pack A)
- 1968 Numbers Up** (DIME - Probability Pack A)
- 1969 Two Dice** (DIME - Probability Pack A)
- 1970 Five Beads** (DIME - Probability Pack B)
- 1971 Seven Beads** (DIME - Probability Pack B)
- 2008 Curves of Pursuit** (TARQUIN Poster)
- 2009 Three Counters** (DIME - Probability Pack A)
- 2010 Six Beads** (DIME - Probability Pack B)
- 2011 Four Beads** (DIME - Probability Pack B)
- 2012 Tessellation Poster** (TARQUIN Poster)
- 2014 Probably Probable?** (Students' HB
Investigations Pg 43)
- 2073 Tricubes** (DIME - Tricube Puzzles Project)
• Worksheets A1, A2, A3, A4
- 2074 Building with Tricubes** (DIME - Tricube
Puzzles Project)
• Worksheets B2, B6, B10
- 2075 Tricube Plans** (DIME - Tricube Puzzles Project)
• Worksheets C1, C5, C6, C8
- 2076 Building on a Square** (DIME - Tricube
Puzzles Project)
• Worksheets D1, D5, D8, D10
- 2077 Making a 3 x 3 x 3 Cube** (DIME - Tricube
Puzzles Project)
Worksheets E3, E7, E10
- 2086 Circles to Polygons** (SMILE Investigations
Students' HB Pg 10)
- 2094 Squares** (SMILE Investigations Students' HB Pg 4)
- 2113 Mystery** (SMILE 1783 Calculating: Page 3)
- 2114 2 Puzzles** (SMILE 1783 Calculating: Page 5)
- 2115 Missing Digit** (SMILE 1783 Calculating: Page 8)
- 2116 Operations** (SMILE 1783 Calculating: Page 9)
- 2117 Rumour** (SMILE 1783 Calculating: Page 10)
- 2118 Ticket Sales** (SMILE 1783 Calculating: Page 11)
- 2119 Patterns** (SMILE 1783 Calculating: Pages 12 & 13)
- 2120 Productive** (SMILE 1783 Calculating: Page 14)
- 2121 Hot and Cold** (SMILE 1783 Calculating: Page 15)
- 2122 Target 200** (SMILE 1783 Calculating: Page 16)
- 2123 Missing Signs** (SMILE 1783 Calculating: Page 17)
- 2124 Date of Birth** (SMILE 1783 Calculating: Pg18/19)
- 2125 Escape** (SMILE 1783 Calculating: Pages 20 & 21)
- 2126 Problems** (SMILE 1783 Calculating: Pages 22 & 23)
- 2194 Tossing Coins** (SMILE Investigations Students' HB
Pg 38/40)
- 2202 Visiting Every Point** (SMILE Investigations
Students' HB Investi. Pg 8)
- 2284 BoxN** (SMILE software Sense of Number)
- 2285 GuessN** (SMILE software Sense of Number)
- 2286 Quadrants and Squares** (DIME - Algebra
through Geometry)
• Worksheets A3, A4
- 2287 Add and Subtract Squares and
Quadrants** (DIME - Algebra through Geometry)
• Worksheets A5, A6
- 2288 Algebra Tak-Tiles on a Grid** (DIME-
Algebra through Geometry)
• Worksheets B1, B2, B3, B4, B5, B6
- 2289 Algebra Tak-Tiles without a Grid** (DIME
- Algebra through Geometry)
• Worksheets C1, C2, C4, C5, C6
- 2290 A New Unit of Area** (DIME- Algebra through
Geometry)
• Worksheets D1, D2, D3, D4, D5, D6
- 2291 Comparing Areas** (DIME- Algebra through
Geometry)
• Worksheets E1, E3, E4)
- 2326 Hanoi** (SMILE software Mathematical Puzzles)
- 2327 Hats** (SMILE software Mathematical Puzzles)
- 2373 Queens** (SMILE software Movement)
- 2377 TenSprint** (SMILE software Numeracy)
- 2378 Matching Fractions** (SMILE software Numeracy)
- 2379 Ordering Fractions** (SMILE software Numeracy)
- 2380 NumberLines** (SMILE software Numeracy)
- 2381 NumberLinesD** (SMILE software Numeracy)
- 2393 Equivalent Pair** (SMILE software Enriching Number)
- 2394 Make that Number** (SMILE software Enrich No)
- 2395 Maximum Remainder** (SMILE software EnrichNo)
- 2396 FindTheLine** (SMILE software Graphing)
- 2397 Guess Inequality** (SMILE software Graphing)

Additional resources available from SMILE Mathematics

SMILE Mathematics Worksheet Pack

There are 270 photocopiable worksheets. The worksheets are not included in a SMILE Full Class Set or a SMILE Single Copy Set, but are referenced on the SMILE 2001 Network.

Whole class lessons

- Bridging Units 2 units suitable for Year 7.
- Nice Ideas in One Place V.1 25 whole class activities, suitable for KS3.
- Nice Ideas in One Place V.2 20 whole class activities, suitable for KS3.
- Reasoning 27 whole class activities, suitable for KS3.
- Revision through Groupwork 9 topics allowing for differentiation.
- Whole Class Maths Projects 8 whole class projects, suitable for KS3/4.

Assessment

- Assessment Pack Assessment activities and tests.

DfEE Available from **DfEE Publications**
www.dfes.gov.uk
Tel: 0845 0622260

MA Posters Available from **Maths Association**
259 London Road
Leicester
LE2 3BE
Tel: 0116 270 3877

SMILE software Available from **SMILE Mathematics**
108a Lancaster Road
London
W11 1QS
Tel: 020 7598 4841

TARQUIN Available from **Tarquin Publications**
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