

# Tasks & Maths300 Lessons

- ◆ All tasks have a life as a whole class investigation.
- ◆ Maths300 is a library of whole class investigation lesson plans.
- ◆ Tasks below have a matching Maths300 lesson detailing their whole class investigation life.

This information is also shown in the Task Cameo Library:

<http://www.blackdouglas.com.au/taskcentre/iceberg.htm>

In the Task Cameo Library:

- ◆ Tasks marked with \* have a Maths300 companion lesson.
- ◆ Tasks marked with \*\* have a Maths300 lesson with software.
- ◆ A gold star sticker added to the task bag or box indicates a Maths300 companion lesson is available.



**Mathematics Task Centre**

<b>Task Number</b>	<b>Lesson Number</b>	<b>Lesson Name (same as Task Name except as shown)</b>
Task 1 (Final Eight)	Lesson 149	Sporting Finals (AFL)
Task 1 (Final Eight)	Lesson 179	Sporting Finals (NRL)
Task 2	Lesson 128	Cars in a Garage
Task 6	Lesson 88	Counter Escape
Task 7	Lesson 139	Consecutive Sums
Task 8	Lesson 18	Addition Totals
Task 9	Lesson 78	Row Points
Task 10	Lesson 114	Find My Pattern
Task 11	Lesson 21	Lining Up
Task 14	Lesson 41	Heads & Legs
Task 15	Lesson 95	Domino Trails
Task 17	Lesson 168	Truth Tiles 2
Task 18	Lesson 153	Same Or Different
Task 19	Lesson 174	Cookie Count
Task 28 (Plate Triangles)	Lesson 167	Twelve Days of Christmas
Task 30	Lesson 30	Truth Tiles
Task 31	Lesson 116	Cube Nets
Task 33	Lesson 66	Dominoes
Task 34	Lesson 3	Dice Differences (Prisoners)
Task 35	Lesson 112	Crosses
Task 35	Lesson 159	Chances With Crosses
Task 37	Lesson 72	Fraction Magic Square
Task 38	Lesson 130	The Mushroom Hunt
Task 43	Lesson 28	Number Tiles
Task 45	Lesson 17	Eric The Sheep
Task 46	Lesson 59	Duelling Dice
Task 47	Lesson 89	Red & Black Card Game
Task 49	Lesson 170	Take A Chance
Task 51	Lesson 115	Staircases
Task 53	Lesson 6	Have A Hexagon
Task 54	Lesson 31	Fay's Nines
Task 61	Lesson 115	Staircases
Task 62	Lesson 62	4 & 20 Blackbirds
Task 75	Lesson 99	What's It Worth?
Task 81	Lesson 134	Pentagon Triangles
Task 82	Lesson 64	Snail Trail
Task 86	Lesson 27	Game of 31
Task 87	Lesson 4	First Down The Mountain
Task 89	Lesson 61	Doctor Dart
Task 91	Lesson 70	Pick a Box
Task 92	Lesson 98	Magic Squares
Task 101	Lesson 138	Pyramid Puzzle
Task 102	Lesson 57	Crazy Animals

<u>Task Number</u>	<u>Lesson Number</u>	<u>Lesson Name</u> (same as Task Name except as shown)
Task 103	Lesson 118	Four Cube Houses (The Architect's Puzzle)
Task 104	Lesson 163	Building Views
Task 105	Lesson 110	Soma Cube
Task 118	Lesson 143	Ice-Cream Flavours
Task 119	Lesson 46	Police Line Up
Task 120	Lesson 79	Nim
Task 122	Lesson 69	Football Ladder
Task 123	Lesson 10	Bob's Buttons
Task 126	Lesson 100	Planets
Task 127	Lesson 26	Highest Number
Task 129	Lesson 47	Farmyard Friends
Task 130	Lesson 76	Protons & Anti-Protons
Task 131	Lesson 32	Walk The Plank
Task 132	Lesson 127	Red To Blue
Task 133	Lesson 1	Win At The Fair
Task 134	Lesson 119	Eight Queens
Task 135	Lesson 124	Famous Mathematicians
Task 145	Lesson 65	Land of ET
Task 146	Lesson 86	Haberdasher's Problem
Task 147	Lesson 16	Garden Beds
Task 150	Lesson 129	Chess Queens
Task 152	Lesson 39	Painted Rods
Task 154	Lesson 40	4 Arm Shapes
Task 155	Lesson 132	64 = 65
Task 160	Lesson 38	Painted Cubes
Task 161	Lesson 110	Soma Cube
Task 162	Lesson 60	Game Show
Task 163	Lesson 71	Eureka
Task 166	Lesson 25	Sphinx
Task 173	Lesson 23	Crossing The River
Task 174	Lesson 85	Magic Cube
Task 176	Lesson 29	Steps
Task 178	Lesson 164	Match Triangles (Triangle Chains)
Task 179	Lesson 20	Unseen Triangles
Task 182	Lesson 42	Jumping Kangaroos
Task 183	Lesson 74	Pizza Toppings
Task 187 (Triangle Area)	Lesson 44	Area of a Triangle
Task 188	Lesson 63	Arithmagons
Task 193	Lesson 165	Surface Area With Tricubes
Task 194	Lesson 63	Arithmagons
Task 197	Lesson 58	Chocolate Chip Cookies
Task 198	Lesson 125	What's In The Bag?
Task 200	Lesson 5	Greedy Pig
Task 201	Lesson 77	Rectangle Fractions
Task 202	Lesson 144	Rod Mats
Task 203	Lesson 144	Rod Mats
Task 205 (Peg & Tape Fractions)	Lesson 33	Fraction Estimation
Task 210	Lesson 146	Division Boxes
Task 211	Lesson 36	Soft Drink Crates
Task 212	Lesson 113	Monkeys & Bananas
Task 214	Lesson 133	Angle Estimation
Task 215	Lesson 102	Take Away Tiles
Task 216	Lesson 140	Square Pairs
Task 221	Lesson 154	Triangles & Colours
Task 223	Lesson 155	Cat and Mouse
Task 232	Lesson 161	Dice Footy
Task 235	Lesson 178	Tables For 25