

iMaths Foundation Investigations and Topics

The table below shows the Investigations in this book, and the associated Topics and Tear-outs from the Student Book. The Topics can be used to introduce and practise the concepts before or during the Investigations. Alternatively, they can be used to consolidate or assess the concepts after the Investigation is completed.

Investigation	Topics and Tear-outs from Student Book
1 Goodnight, sleep tight	MG3 My day – o'clock time Tear-out 1 Time for bed
2 Oz-animal Olympics	NA4 Groups of 1 NA5 Groups of 2 NA6 Groups of 3 NA9 Groups of 4 NA10 Groups of 5 NA20 Groups of 6 NA15 Which bowls are the same? NA17 Truck trail NA28 One more NA29 One less NA31 Show more, show less NA32 Water trek MG4 Where at the beach? SP1 What do I spy? SP3 Boat sort SP4 Favourite playtime activity Tear-out 2 Name tag
3 Happy Birthday Humpty	MG2 Steggy dinosaur days of the week MG3 My day – o'clock time Tear-out 3 Humpty Dumpty sequence Tear-out 4 Time of day 1 Tear-out 5 Time of day 2
4 Goldilocks	NA6 Groups of 3 NA7 Fruit face count NA8 Food count at the zoo NA16 Worm count NA18 See the pattern NA19 Turtle patterns NA37 Animal patterns NA59 Three little pigs share equally MG13 Budgies in a row – smallest to biggest SP4 Favourite playtime activity Tear-out 6 Sort and match 1 Tear-out 7 Sort and match 2 Tear-out 8 Goldilocks sequence Tear-out 9 Halves
5 Hopscotch	NA26 Leo the Lion dot to dot NA27 Missing numbers countdown NA34 Little Red Riding Hood number track NA38 Crocodile swamp board game NA39 Number strips MG5 Triangles MG6 Squares MG7 Circles MG8 Rectangles Tear-out 10 Missing numbers hopscotch Tear-out 11 Hopscotch
6 Take Ten	NA25 Groups of 10 NA36 10 spot Humpty NA51 How many more? NA52 Ten frames MG5 Triangles MG6 Squares MG7 Circles MG8 Rectangles MG9 Little Miss Muffett shape search MG10 Match 2D shapes
7 The wheels on the bus	NA11 Traffic count NA15 Which bowls are the same? NA31 Show more, show less NA41 Spotty dragon – draw and count NA42 Count to 20 NA47 How many altogether? NA48 Colour and count NA49 Addition stories MG5 Triangles MG6 Squares MG7 Circles MG8 Rectangles MG9 Little Miss Muffett shape search MG10 Match 2D shapes SP5 Hair colour tally SP6 Who's on the bus?
8 Animal rescue	NA31 Show more, show less NA49 Addition stories NA50 Little Bo Peep counts her sheep NA57 How many counters? MG13 Budgies in a row – smallest to biggest MG15 Sausage strings – how long? MG16 Short and long MG17 Circus clowns – short and tall MG19 Holds more, holds less Tear-out 12 We're going for a bushwalk Tear-out 13 Aussie animal sort Tear-out 14 Wildlife park
9 Sandcastles	MG4 Where at the beach? MG5 Triangles MG6 Squares MG7 Circles MG8 Rectangles MG9 Little Miss Muffett shape search MG10 Match 2D shapes MG11 Match 3D objects MG12 3D object search MG13 Budgies in a row – smallest to biggest MG14 Big fish, small fish MG18 Comparing mass MG19 Holds more, holds less Tear-out 15 Empty to full
10 Zoo escape	NA3 Fishy patterns NA8 Food count at the zoo NA26 Leo the Lion dot to dot NA47 How many altogether? NA49 Addition stories NA54 Take away stories MG13 Budgies in a row – smallest to biggest MG14 Big fish, small fish MG16 Short and long MG17 Circus clowns – short and tall
11 Three Billy Goats Gruff	NA17 Truck trail NA32 Water trek NA58 Sharing equally NA59 Three little pigs share equally MG4 Where at the beach? MG13 Budgies in a row – smallest to biggest
12 Froggy pond	NA33 Monster shape sort NA47 How many altogether? NA48 Colour and count NA49 Addition stories NA50 Little Bo Peep counts her sheep NA51 How many more? NA52 Ten frames NA53 How many left? NA54 Take away stories NA55 Jack and Jill – who has more pails? NA56 How many cookies? NA57 How many counters? SP5 Hair colour tally