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Manual for Teachers Infants to 2nd Class

Destination Maths offers pupils an enjoyable means of developing and consolidating crucial mathematical concepts and skills.

This 'Quick Start Guide' will help you to get started with *Destination Maths* and shows how it can be used in conjunction with our **Mathemagic** series.

We have revised the bulk of *Destination Maths* to support the objectives of the revised Irish Primary Maths curriculum but it is worth noting that there are some aspects that are not directly applicable. They have been included because they may offer opportunities for extension and enrichment and may also provide support in managing differentiation in the classroom. *Destination Maths* supports all levels of mathematical ability in a clear, attractive and challenging manner.

To acquaint yourself with the layout of *Destination Maths*, we suggest you start with the five step tour. Once you become familiar with its layout, you will be better able to locate the *Destination Maths* sessions that correspond with the lessons in **Mathemagic**.



Quick Start Guide to Destination Maths . . .





How to navigate a lesson in Destination Maths





Click the *picture* on the left side of the red wallet icon to begin the lesson - Counting from 5 to 10.

The session number is shown in the spine of the wallet - if you click the spine, a page of learning objectives opens. If you click the notepad and not the picture, you will go to **practice** activities and clicking the *pouch* will bring you to a **workout** section. You must click the left side (picture area of the wallet) to open the actual lesson.



Lesson mbers from 1 to 10





Lesson Structure

Each lesson moves through a series of steps offering a high level of interactivity. Many lessons are divided into two parts or screens. Following the lesson there are practice and workout activities based on the tutorial objectives. It is also possible to go directly to the practice and workout sessions using the *navigation panel*.

The Navigation Panel

Click the blue button with the double arrow to open or close the navigation panel. Each small orange-coloured box in the navigation panel represents a transitional step in the lesson. The lesson step you are currently on is always highlighted in yellow. Pressing the continue button when asked to do so during the lesson, moves the current step to the next box.



In this teachers' manual we have labelled the boxes a, b, c, d etc. to identify each transitional step. You can click a box to jump immediately to that lesson step. See opposite page.

- . and use the Navigation Panel to link-in Mathemagic

A session (lesson) in Destination Maths can cover several strand units of the Irish Revised Primary Maths Curriculum. Most sessions span the content of several pages of Mathemagic and sometimes a session will straddle the unit objectives of two class levels.

In preparing their Lesson Plans, teachers will want to break sessions into shorter teaching units to link-in pages of the text book with Destination Maths. Teachers can use the navigation panel to do this. In this manual each step is identified by a letter so that it is possible to say where to begin and end a lesson. On-screen these are small orange-coloured boxes. The teacher clicks a box to go directly to that point in the lesson.

The sample navigation panel shown here has sixteen transitional steps labelled **a** to **p** (across two screens labelled S1 and S2). Steps **a** to **i** are relevant to Junior Infants as they are within the number range 0 to 5 and introduce the concept of the number *zero*. Steps **j** to **p** are in keeping with the Senior Infant programme as they are within the number range 5 to 10. They teach counting *one fewer than*... the previous number.



Overview of Destination Maths Course 1

Destination Maths Course 1 covers many areas of the curriculum from Junior Infants to Second Class.

Course 1 has four modules: 1. Number 2. Addition & Subtraction 3. Geometry & Measurement and 4. Algebra. The four modules are comprised of 9 units - a total of 25 sessions and 330 lesson steps. The colour scheme of the sessions corresponds to the colour pattern of the wallet icons which are used to gain access to each session. As well as giving a general overview of Course 1, this table shows how the sessions and lesson steps are distributed across class levels in the context of supporting the Irish Revised Primary Maths Curriculum. The page numbers under each class heading, refer to pages in the full users' manual which is available online at www.cjfallon.ie. Copies can be requested by telephone by calling 01-6166490.



Download the J Inf S Inf Lesson 2nd **Lesson Themes** 1st steps full 65-page page manual online at Session 1 a - p Morning time **Firefighters** Food Counting from 1 to 5 14 www.cjfallon.ie Session 2 14 Freezing in the snow a - a Exploring sets to 5 Unit 1 Number to 5 Session 3 Creating sets of 1 to 5 a - k 16 **Toy factory** Session 1 18 **Construction site** a - 1 Counting 5 to 10 Session 2 a - f **Cooking soup** 20 **Exploring sets to 10** Unit 2 Module Session 3 20 **Chicken coop** a - g Creating sets of 5 to 10 Number to 10 22 g - j Session 4 16 g - f a - j **Circus Act I Circus Act II** One more than **COURSE 1** Module 1 18 a - i 22 j - p Session 5 Concert in the park a - p One fewer than and zero **Bursting balloons** Number Session 1 40 **Finding pearls** Counting from 10 to 20 Underwater treasure a - m Unit 3 Numbers Unit 3 Session 2 40 Counting from 20 to 50 **Suitcases** Air passengers a - q Number to 20 Unit 4 Comparing Session 1 More than, less than 24 **Tropical rain a** - a or the same Unit 4 Comparing & Ordering

		Lesson steps	J Inf	S Inf	1st	2nd		Lesso	on Themes
	Session 1	a - i		24			Combining and joining within 10	Baby turtles and crocs	
	Unit 1 Addition	a - i		26			Comparing within 10	Happy Birthday	
	Unit 1 Session 3	a - p			42		Sums within 20 with 10 as one addend	Dinosaur teeth and bo	nes
COURSE 1	Session 4	a - k			42		Sums within 20	Recycling bottles and a	cans
Module 2									
Addition & Subtraction	Unit 2	a - j			44		Differences within 10	Game of bowling	
	ubtraction								
									
	Session 1	a - e		30	44 workout		Length	Long and short straws	Measuring in footprints
Nodule B	Unit 1 Measurement	a - l		32			Weight	Weighing packages	Pan scales
	nit 1 easurement	* a - t		26-28-30 <mark>a-c n-p d-m</mark>	46 q - t		Time	Space mission	Order Days of the week
	Session 4	a - u		32 a - o	46 p - u		Money	Money bags	Coins
COURSE 1 Module 3									
Measurement	Unit 2 Geometry	a - y			48		Two-dimensional Shapes	Street map - Triangles,	Rectangles and Squares
	ait 2 Session 2	a - q					Three-dimensional Shapes	Candle shapes	Nets of boxes
	sson Steps of Session 3 are sprea	id over							
Module 4 page	ges 26, 28, 30 and 46 of the ma	nual.							
		q - m		28 a - e	48 f - m		Shapes	Tiling	Shapes and colours
	Session 2	a - w			50		Number Patterns	Mystery castle	Missing numbers
Module 4	stending atterns Session 3	a - q			50		Representing and Interpreting Data	Jelly bean factory	Pictograms & Bar Graphs
Algebra									7

Overview of Destination Maths Course 2

For greater

detail, use the

full 65-page

Destination Maths Course 2 consists of four modules:1. Number 2. Addition & Subtraction 3. Geometry & Measurement and 4. Algebra.The four modules are comprised of 6 units, 13 sessions and 190 lesson steps.

The table shows the sessions and lesson steps of Course 2 and how they are distributed across 1st and 2nd classes. There are some sessions whose teaching objectives extend beyond the 2nd class curriculum and these are indicated by the arrow shapes in the 3rd class column.



	online manual.		Lesson steps	1st	2nd	3rd	4th	5th	6th		Lesson Themes
Madito		Session 1	a - k	52						Counting by Grouping (to 99)	Picking apples
		Session 2	a - k	52						Place Value: Tens and Ones (to 99)	Bats in a cave
COURSE 2 Module 1	Unit 1	Session 3	a - k		58 a - e					Place Value: H T & O (to 999)	Counting salmon
Number	Numbers to 999	Session 4	a - h		58 a - d					Expanded form of H T & O (max 699)	Scoring game points
		Session 5	a - s		60 a - g					Comparing numbers (max 599)	Fish and Reptile teeth
Ballion	Unit 1 Addition and Subtraction	Session 1	a - r	54						Sums less than 100	In the Rainforest
	Unit 1 Addition &	Session 2	a - u		60					Subtraction with regrouping (to 99)	Night owls
COURSE 2 Module 2	Subtraction	-									
Operations with Numbers			l	= (Functions of a Mileda of a Course	
with runibers	Unit 2 Fractions	Session 1	a - p	54 a						Fractions: of a Whole, of a Group	Garden party
	Fractions										





Junior Infants



Here is a summary of the Number strand units for Junior Infants:

Counting:

Combining:

Partitioning:

Numeration:

- count the number of objects in a set, 1 to 10 Comparing & Ordering:
- compare equivalent and non-equivalent sets 1 – 5 by matching without using symbols
- order sets of objects by number, 1 5

• explore the components of number, 1 - 5

• combine sets of objects, totals to 5

• read, write and order numerals, 1 - 5

• solve simple oral problems, 0 - 5

• partition sets of objects, 1 - 5

• use the language of ordinal number: first, last Analysis of Number:

• develop an understanding of the conservation

• identify the empty set and the numeral zero

• tell at a glance the number of objects in a set, 1 - 5



Senior Infants

Here is a summary of the Number strand units for Senior Infants:

Counting:

- count the number of objects in a set, 0 to 20 Comparing & Ordering:
- compare equivalent and non-equivalent sets 0 10 by matching
- order sets of objects by number, 0 10
- use the language of ordinal number: first, second, third, last

Analysis of Number:

- Combining:
- explore the components of number, 1 10
- combine sets of objects, totals to 10

Partitioning:

- partition sets of objects, 0 10
- use the symbols + and = to construct word sentences involving addition

Numeration:

Unit 2 Numbers from 1 to 10

- develop an understanding of the conservation of number, 0 - 10
- read, write and order numerals, 0 10
- identify the empty set and the numeral zero
- estimate the number of objects in a set, 2 10

COURSE 1: Module 1: Number Unit 2: Numbers from 1 to 10

Unit 2 supports the aims of the Number strand of the Curriculum as covered in the **Mathemagic** textbook for Senior Infants. Use the Quick Reference as a starting point to link pages of the textbook with the sessions of Destination Maths.

Unit 1 Numbers from 1 to 5

COURSE 1: Module 1: Number Unit 1: Numbers from 1 to 5

of number, 1 - 5

All the lesson objectives of Unit 1 correspond to the Number strand of the Junior Infant programme.

The *concept of zero* and *adding one more* are covered in Unit 2 session 4 and session 5.

Apart from Number, there are also *classifying* activities which Junior Infants will enjoy and teachers may find useful. These can be found in the Workout exercises and are referenced on the Quick Reference page 12.



Quick Reference page for **Junior Infant Teachers**

The Quick Reference pages are designed to facilitate teachers who wish to follow the precise page-by-page order of work as set out in the **Mathemagic** textbook. Hence the **textbook pages are in sequence**. In the table, the pages of the full online manual and their related DM activities take their order from the textbook and otherwise follow no particular sequence. Textbook revision pages and pages that don't have matching DM interactivities are not included in the table.

Arits for Prime Arits for Prime Single V V V V V V V V V V V	Arstans Dans Dans Dans Dans Dansor Infants Number		Destination Maths Course I
textbook p	pages: Strand units	pages:	location of the interactivity in Modules 1 or 2
4 - 6	Classifying: similar objects	15	Module 1: Unit 1: Session 1 - Workout exercises (See Note 1 page 14)
4 - 6	Classifying: similar objects	19	Module 1: Unit 2: Session 1 - Workout exercises (See blue box page 15)
11 - 13	11 – 13 Classifying: one attribute (colour)		Module 1: Unit 2: Session 3 - Workout exercises (See blue box page 15)
<mark>22 - 26</mark>	22 - 26 Counting; Analysis of number - numbers 1 and 2		Module 1: Unit 1: Session 1 - lesson steps a to g
37 - 39	37 - 39 Counting; Analysis of number - numbers 1, 2 and 3		Module 1: Unit 1: Session 1 - lesson steps h to i
43 - 47	Counting; Analysis of number - numbers 1, 2, 3 and 4	14	Module 1: Unit 1: Session 1 - lesson steps j to l
70	Analysis of number - combining numbers up to 3	14	Module 1: Unit 1: Session 2 - lesson steps a to d
71	Analysis of number - combining numbers up to 4	14	Module 1: Unit 1: Session 2 - lesson steps e to g
79 - 82	Counting; Analysis of number - numbers 1, 2, 3, 4 and 5	14	Module 1: Unit 1: Session 1 - lesson steps m to p
84 - 87	Counting; comparing - consolidation work	14	Module 1: Unit 1: Session 1 - Practice and Workout exercises
88 - 89	Number: Comparing, ordering- numbers 1 to 5		Module 1: Unit 1: Session 3 - lesson steps a to g
90 - 94	Analysis of number - combining (one more)	16	Module 1: Unit 2: Session 4 - lesson steps a to f (See blue box page 17)
97 - 101	Analysis of number - concept of zero	18	Module 1: Unit 2: Session 5 - lesson steps a to i
104 - 105	Analysis of number - ordering - numbers 1 to 5	16	Module 1: Unit 1: Session 3 - lesson steps h to k

Quick Reference page for Senior Infant Teachers



Senior Infants Number



Destination Maths Course I

textbook p	textbook pages: Strand units		location of the interactivity in Modules 1, 2 or 3
more pages	For non-number Strand units (Senior Infants) see pages	27 - 32	Module 3: Length, Weight, Time and Money Module 4: Extending Patterns
8 - 9	Analysis of number - combining (within 5)	24	Module 2: Unit 1: Session 1 - lesson steps a to c
14 - 16	Counting; Analysis of number - numbers 1 to 6	18	Module 1: Unit 2: Session 1 - lesson steps a to c
19 – 20	Analysis of number - combining (the story of 6)	26	Module 2: Unit 1: Session 2 - lesson steps g to i - The Six Spinner page 27
21 – 23	Counting; Analysis of number - numbers 1 to 7	18	Module 1: Unit 2: Session 1 - lesson steps d to f
25	Analysis of number - combining - count on (add one)	22	Module 1: Unit 2: Session 4 - lesson steps g to j (See information in blue box page 17)
28 - 29	Analysis of number - combining (the story of 7)	26	Module 2: Unit 1: Session 2 - lesson steps a and b - The Number Spinner page 25
30 - 31	Comparing and ordering - more than, less than (max. 7)	24	Module 1: Unit 4: Session 1 - lesson steps a to g
33 - 35	Counting; Analysis of number - numbers 1 to 8	18	Module 1: Unit 2: Session 1 - lesson steps d to g
36	Counting; Analysis of number - one fewer	22	Module 1: Unit 2: Session 5 - lesson steps j to p (See information in blue box page 17)
41 - 42	Analysis of number - combining (the story of 8)	26	Module 2: Unit 1: Session 2 - lesson steps c to f - The Eight Spinner page 27
46 - 47	Ordering - first, second, third	26	Module 3: Unit 1: Session 3 - lesson steps a to c
60 - 62	Counting; Analysis of number - numbers 1 to 9	18	Module 1: Unit 2: Session 1 - lesson steps h and i
63 - 65	Counting; Analysis of number - numbers 1 to 10	18	Module 1: Unit 2: Session 1 – lesson steps j to l inc. Practice and Workout exercises
65	Consolidation activities (a) - numbers up to 10	20	Module 1: Unit 2: Session 2 - lesson steps a to f inc. Practice and Workout exercises
65	Consolidation activities (b) - numbers up to 10	20	Module 1: Unit 2: Session 3 – lesson steps a to g inc. Practice and Workout exercises
74 - 75	Analysis of number - combining (numbers up to 9)	24	Module 2: Unit 1: Session 1 - lesson steps d to f
81 - 82	Analysis of number - combining (numbers up to 10)	24	Module 2: Unit 1: Session 1 - lesson steps g to i inc. Practice and Workout exercises
94 - 97	Comparing and ordering - more than, less than (to 10)	24	Module 1: Unit 4: Session 1 - Practice and Workout exercises



Quick Reference page for non-number Strand units Senior Infant Teachers

Analite ter Primer Benior In Single Vo Difference To any other	Senior Infants	online of in fill	Destination Maths Course I contd.
textbook pages: Strand units		pages:	location of the interactivity in Modules 3 or 4
12 - 13	Extending patterns	28	Module 4: Unit 1: Session 1
85 - 86	Time: one hour intervals	28	Module 3: Unit 1 : Session 3 lesson steps n to p
87	87 Time: days of the week		Module 3: Unit 1 : Session 3 lesson steps d to m
99 – 100 Length		30	Module 3: Unit 1 : Session 1
101 – 106	101 - 106 Weight		Module 3: Unit 1: Session 2
115 - 121	Money	32	Module 3: Unit 1: Session 4

Interactive Number Spinners



Spin the UP and DOWN arrows. How many frogs and ducks are in the water at each spin?



The maximum sum on this Number Spinner is 10. It can be used to consolidate the story of any number up to and including 10. It is an ideal interactive device to help the children develop an understanding of patterns in their grasp of the addition facts. It will be useful at any stage of the Senior Infant course. There are several spinners used throughout Destination Maths.

1st Class



Number strand units for First class:

- **Count** the number of objects in a set up to and beyond **20**
- read, write and order numerals 0 99
- estimate the number of objects in a set 0 20
- equivalent and non-equivalent sets **0 20** using words: *more, less, by how much*
- order sets of objects by number
- ordinal numbers first to tenth
- Place Value: explore, identify and record from 0 99
- Addition: combining or partitioning sets 0 20
- commutative, associative and zero properties of addition
- mental strategies for addition facts within 20
- construct number sentences and number stories; solve problems involving addition within **20**
- add numbers without and with renaming within 99
- repeated addition and group counting
- **Subtraction:** develop an understanding of subtraction as deducting
 - as complementing and
 - as difference 0 20
- develop and/or recall mental strategies for subtraction 0 20
- construct number sentences and number stories; solve problems involving subtraction 0 - 20 estimate differences within 99 subtract numbers *without* renaming within 99 use the symbols +, -, =
- solve one-step problems involving addition or subtraction.
 Fractions: half of sets to 20
- Algebra: recognise pattern, including odd and even numbers
- explore and use patterns in addition facts
- understand the use of a frame to show the presence of an unknown number

2nd Class



Number strand units for **Second class**:

- Count the number of objects in a set beyond 20
- read, write and order numerals 0 199
- estimate the number of objects in a set 0 20
- equivalent and non-equivalent sets 0 20 using symbols < , > and =
- order sets of objects by number
- ordinal numbers first to tenth
- Place Value: explore, identify and record from 0 199
- Addition: combining or partitioning sets 0 20
- commutative, associative and zero properties of addition
- mental strategies for addition facts within 99
- construct number sentences and number stories; solve problems involving addition within 20 add numbers without and with renaming within 99
- repeated addition and group counting
- **Subtraction:** develop an understanding of subtraction as deducting
 - as complementing and
 - as difference 0 20
- develop and/or recall mental strategies for subtraction
- construct number sentences and number stories; solve problems involving subtraction 0 - 20
- estimate differences within 99
- subtract numbers without and with renaming within 99
- use the symbols +, , = , <, >
- solve one-step and two-step problems involving addition or subtraction.
- Fractions: halves and quarters of sets to 20
- Algebra: recognise patterns and predict subsequent numbers
- explore and use patterns in addition facts
- understand the use of a frame to show the presence of an unknown number

14



Quick Reference page for First Class Teachers



Destination Maths Course I

textbook	pages: Strand units	pages:	location of the interactivity in Modules 1 to 4
8	Counting and numeration: sets 11, 12	40	Course 1: Module 1: Unit 3 : Session 1 - lesson steps a to c (also see Practice Ex. 1)
9 - 10	Addition: combining sets to 12	42	Course 1: Module 2: Unit 1 : Session 4
11 - 12	Ordering: first, second, third	26	Course 1: Module 3: Unit 1: Session 3 - lesson steps a to c
17	Counting and numeration: sets 13, 14	40	Course 1: Module 1: Unit 3 : Session 1 - lesson steps d to e (Practice Ex. 1, 2 and 3)
18, 19	Addition: combining sets 13, 14	40	Course 1: Module 2: Unit 1 : Session 4
20	Time: Sequencing: Days of the week	30	Course 1: Module 3: Unit 1: Session 3 - lesson steps d to m
24	Counting and numeration: sets 15, 16	40	Course 1: Module 1: Unit 3 : Session 1 - lesson steps f to g (also see Workout)
25	Addition: combining sets 15, 16	42	Course 1: Module 2: Unit 1 : Session 4
26 - 27	Place value: Tens and Units counting to 20	42	Course 1: Module 2: Unit 1 : Session 3
29	2-D Shapes: Sort and describe basic shapes	48	Course 1: Module 3: Unit 2 : Session 1
30	Counting and numeration: sets 17, 18	40	Course 1: Module 1: Unit 3 : Session 1 – lesson steps h to j (Practice Ex. 5 and 6)
31	Addition: combining sets 17, 18	42	Course 1: Module 2: Unit 1 : Session 4 - addition Number Fact spinners page 43
32 - 33	Representing & interpreting Data	50	Course 1: Module 4: Unit 1 : Session 3 - lesson steps a to d
34	Counting and numeration: sets 19, 20	40	Course 1: Module 1: Unit 3 : Session 1 - lesson steps k to m and Practice Ex. 4
35	Addition: counting on from 10	40	Course 1: Module 2: Unit 1 : Session 3 - lesson steps a to e
40 - 45	Addition: combining with 10 (up to a total of 20)	40	Course 1: Module 2: Unit 1 : Session 3 - lesson steps f to p
47 - 50	Length: non-standard units , concept of standard unit	44	Course 1: Module 3: Unit 1: Session 1 - lesson steps d and e and Workout
53 - 57	Subtraction: deducting within 10	44	Course 1: Module 2: Unit 2 : Session 1 - the Minus spinner page 45
60 - 61	Addition - problem solving (add by counting on)	42	Course 1: Module 2: Unit 1 : Session 4 - Practice and Workout sessions
67 - 68	Pattern: patterns in 2 - including odd and even numbers	50	Course 1: Module 4: Unit 1 : Session 2 - lesson steps a to e
71 - 73	Subtraction: difference within 10	44	Course 1: Module 2: Unit 2 : Session 1
74 - 77	Place value: Tens and Units counting to 50	40	Course 1: Module 1: Unit 3 : Session 2



Quick Reference page for First Class Teachers



Destination Maths Courses I and 2

textbook	pages: Strand units	pages:	location of the interactivity in Modules 1 to 4
79 - 80	Fractions: Half of a whole shape	54	Course 2: Module 2 : Unit 2 : Session 1 – lesson step a
81 - 82	Addition of Tens & Units without renaming	54	Course 2: Module 2 : Unit 1 : Session 1 – lesson steps a to f
92 - 94	Time: Half past	46	Course 1: Module 3: Unit 1: Session 3 - lesson steps q to t - Time spinners page 47
95 - 96	Place value: Tens and Units counting to 99	52	Course 2: Module 1 : Unit 1 : Session 1 - the 99 spinners page 53
97 - 99	Place value: Tens and Units numbers to 99	52	Course 2: Module 1 : Unit 1 : Session 2
102 - 105	Addition of Tens & Units with renaming	54	Course 2: Module 2 : Unit 1 : Session 1 - lesson steps g to r - Addition spinner page 55
106 - 107	Weight: Using non standard weights on a pan scales	41	Course 1: Module 1: Unit 3: Session 2 - the Workout exercise
110 - 113	Money: Amounts to value of 10 cent and 20 cent coins	46	Course 1: Module 3: Unit 1: Session 4 - lesson steps p to u
132	Capacity: the <i>litre</i>	56	Course 2: Module 3: Unit 1: Session 2 - lesson steps a to e
136 - 138	Money: the 50 cent coin	56	Course 2: Module 3: Unit 2: Session 2 - lesson steps a to d p.132





Course 2 Module 2 Unit 2 Session 1 Lesson step a **I6**

Unit 1

Session 1

Lesson steps a - f



Session 3



Session 1





Session 1

Lesson steps g - r



Session 4

Copacity Here one water theye we t in like contension	 	
El se engle les halt		A line of scorege ine indeedo the score constant. Educate line. Incomer
idean crap stany		
		Ine of these that held it man them a little.
Long them in Libra		
-		
Cours	е 2	

Module 3 Unit 2 Session 2 Lesson steps a - d

Quick Reference pages for Teachers of Second Class



Pages 7 - 10: Subtraction 1

- 7

- 10

10 11 12 13

- 11

- 12

15-7=

19-8=

- 7

18-6=

20 - 12 =

17 18 19

Subtraction

2. 19

- 5

18

4. 12-3= 16-5=

5. Write the answers

Subtracting a single-digit from a two-digit number max. 20 is not covered in **Destination Maths Course 1 or Course 2**

Course 1: Module 2: Unit 2: Session 1 introduces the concept of subtraction with differences within 10 (see page 44 of the full manual online)







Properties of addittiom

Course 2: Module 4: Unit 1: Session 1

This lesson includes some new concepts that are introduced later than page 13 of Mathemagic 2

(see full manual online p.64) - and the spinner page 65

- the signs < and > are introduced at page 43 e.g.
 - 'parentheses' are introduced at page 55
 - the standard weight Kg is introduced at page 82





Quick Reference page for Teachers of Second Class

Destination Maths Course 2

textbook	pages: Strand units	pages:	location of the interactivity in Modules 1 to 4
11	Place value: Tens & Units numbers to 99	52	Course 2: Module 1: Unit 1: Session 2
13	Addition: the associative property of addition	64	Course 2: Module 4: Unit 1: Session 1
27 - 28	Addition of Tens & Units with renaming	54	Course 2: Module 2: Unit 1: Session 1 - lesson steps g to r (revision)
43 - 45	Comparing and ordering using signs	60	Course 2: Module 1: Unit 1: Session 5 - lesson steps a to g - spinner page 61
48 - 53	Place value: Tens & Units numbers to 199	58	Course 2: Module 1: Unit 1: Session 3
63 - 66	Comparing 2-digit numbers	60	Course 2: Module 1: Unit 1: Session 5 - lesson steps a to g
74	Money: coins up to 50c	56	Course 2: Module 3: Unit 2: Session 2 - lesson steps a to d
75 - 76	Money: the euro coin	64	Course 2: Module 3: Unit 2: Session 2 - lesson steps e to k
85 - 86	Place value: Renaming 2-digit numbers	58	Course 2: Module 1: Unit 1: Session 4 - lesson steps a to d
87 - 88	Subtraction with renaming: single from 2-digit number	60	Course 2: Module 2: Unit 1: Session 2 - lesson steps a to k (see note opposite re p 87)
89 - 94	Subtraction with renaming: 2-digit from 2-digit number	60	Course 2: Module 2: Unit 1: Session 2 - lesson steps l to u
105 - 109	Time: hours, half-hours on the 12-hour clock	62	Course 2: Module 3: Unit 2: Session 1 - lesson steps a to d
127	Number: Counting in 5s	62	Course 2: Module 3: Unit 2: Session 1 - see Note (Counting in Fives)
132	Capacity: the <i>litre</i>	56	Course 2: Module 3: Unit 1: Session 2 - lesson steps a to e (revision)
135 - 138	Area: measuring surface area using non-standard units	62	Course 2: Module 3: Unit 1: Session 1
141 - 142	Money: decimal form; change out of €1	64	Course 2: Module 3: Unit 2: Session 2

Pages in this Booklef