# Place Value with Addition
## Packages 1 - 5

**Path 2 SUCCESS**

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| **Package 1** | **Lesson 1** <br> Numbers to 20 <br> (Introduce the concept of 'digits') | **Lesson 2** <br> Numbers to 90 <br> (Compare the value of digits within no.s) | **Lesson 3** <br> Counting On <br> (Develop efficient addition strategies) | **Lesson 4** <br> Problem Solving <br> (Recognise addition language - sums to 90) |
| **Package 2** | **Lesson 1** <br> Vertical Addition <br> (Change from horizontal to vertical format) | **Lesson 2** <br> Making Ten <br> (Develop efficient addition strategies) | **Lesson 3** <br> Exchange for tens <br> (Understand regrouping concepts through a game) | **Lesson 4** <br> Vertical Addition <br> (Introduce regrouping in a vertical format) |
| **Package 3** | **Lesson 1** <br> Doubles <br> (Recognise doubles during addition process) | **Lesson 2** <br> Count on in Tens <br> (Develop efficient adding strategies) | **Lesson 3** <br> Addition Game <br> (Consolidate addition with regrouping) | **Lesson 4** <br> Problem Solving <br> (Combine addition concepts with language) |
| **Package 4** | **Lesson 1** <br> Vertical Addition <br> (Extend the regrouping concept to hundreds) | **Lesson 2** <br> Thousands <br> (Visualise values using an 'exchange' game) | **Lesson 3** <br> Problem Solving <br> (Recognise language - adding to 1000) | **Lesson 4** <br> Ten Thousands <br> (Visualise values using an 'exchange' game) |
| **Package 5** | **Lesson 1** <br> 100 Thousands <br> (Read, write and visualise numbers to 1000) | **Lesson 2** <br> Vertical Addition <br> (Write and solve sums to 100, 000) | **Lesson 3** <br> Estimation <br> (Visualise and understand estimation) | **Lesson 4** <br> Estimation <br> (Apply estimation skills when adding) |

# Place Value
# with Multiplication & Division
## Packages 6 - 10

Path 2 SUCCESS

| Package 6 | **Lesson 1**<br>Grouping Concept<br>(Add equal groups by skip counting) | **Lesson 2**<br>Writing Number Sentences<br>(Understand horizontal sums) | **Lesson 3**<br>Turn Arounds<br>(Recognise turnarounds in horizontal and vertical format) | **Lesson 4**<br>Multiplying 2 digit no's<br>(Vertical format, no regrouping) |
|---|---|---|---|---|
| **Package 7** | **Lesson 1**<br>Skip Counting to Add Equal Groups<br>(Develop x2 & x5 fact recall) | **Lesson 2**<br>Multiplying 2 digit no's<br>(Vertical with regrouping) | **Lesson 3**<br>Multiplying by 3<br>(Improve x3 fact recall & apply in problem solving) | **Lesson 4**<br>Multiply by 3 & 4<br>(Improve fact recall - multiply to thousands with regrouping) |
| **Package 8** | **Lesson 1**<br>Multiply by 6 & 7<br>(Improve fact recall, problem solving, common multiples) | **Lesson 2**<br>Multiply by 8 & 9<br>(Improve fact recall and apply in problem solving) | **Lesson 3**<br>Long Multiplication<br>(Introduce process, no Regrouping) | **Lesson 4**<br>Long Multiplication<br>(Practice Process with Regrouping) |
| **Package 9** | **Lesson 1**<br>Division Concept<br>(Practical application - making equal groups) | **Lesson 2**<br>Skip counting to find division facts<br>(Concept) | **Lesson 3**<br>Division Sums<br>(Introduce the concept of remainders) | **Lesson 4**<br>Problem solving<br>(Explore the language of division) |
| **Package 10** | **Lesson 1**<br>Division Sum<br>(Write no. sentences as sums, no regrouping) | **Lesson 2**<br>Division Sum<br>(Illustrate 'ungrouping' in a division sum) | **Lesson 3**<br>Divide 3 digit numbers<br>(Carry/ungroup remainders to the next place value) | **Lesson 4**<br>Problem solving<br>(Multiplication and division application & comparison) |

# Place Value with Subtraction
## Package 11

**Path 2 SUCCESS**

| Package 11 | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 |
|---|---|---|---|---|
| | Subtraction Concept (Introducing 'count on' concept when subtracting) | Subtraction Sums ( Learning to borrow/ungroup in a vertical format) | Subtraction Sums (Consolidating borrowing ungrouping concepts- through a game) | Subtraction sums (Borrowing across zero with 3 & 4 digit no's) |
| | | | | |

# Problem Solving, all operations
$(+,-,\times,\div)$ Package 12

**Path 2 SUCCESS**

| Package 12 | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 |
|---|---|---|---|---|
| | Language (Familiarisation through Sorting, comparing and recognise words for all operations) | Add or Multiply? (Compare the language and processes - identify applications) | Multiply or divide? (Compare the language and processes - identify applications) | Problem Solving (Explore problem solving strategies - all operations) |

# Time
## Package 13 - 15

**Path 2 SUCCESS**

| Package 13 | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 |
|---|---|---|---|---|
| | Introduce the Analogue Clock Face (Explore concepts of half and quarter) | Fraction Positions (Connect fraction concepts with fractions of an hour) | Read Minutes Past (Recognise 5 minute time intervals around the clock face) | Read Minutes To (Introduce the concept of time to come - minutes to) |
| **Package 14** | **Lesson 1** Read the Hour Hand (Compare hour positions with the minute hand position) | **Lesson 2** Combine Minutes with Hours (Read time on any analogue clock) | **Lesson 3** Calculate Duration (Count duration for less than an hour) | **Lesson 4** Calculate Duration (Count duration for over an hour - explore the regrouping concept) |
| **Package 15** | **Lesson 1** Digital Time (Convert between digital and analogue time) | **Lesson 2** Timetables, am and pm (Practical application of concepts) | **Lesson 3** 24 hr Time (Convert between 12 & 24hr time) | **Lesson 4** 24 hr Time and Duration (Consolide 12 & 24 gr time & duration during a game) |

# Fractions (Packages 16-19)

Path 2 SUCCESS

| Package 16 | **Lesson 1** Introduce the Fraction Concept (Understand written format of fractions) | **Lesson 2** Explore Fraction Contexts (Compare no. lines, partitioned shapes & quantities) | **Lesson 3** Explore Mixed Numbers (On no. lines & as partitioned shapes) | **Lesson 4** Understand ImproperFractions (Illustrate mixed numbers & change to improper fractions) |
|---|---|---|---|---|
| Package 17 | **Lesson 1** Introduce Equivalence (Illustrate & show multiples/cutting up of fractions) | **Lesson 2** Reduce Fractions (Illustrate & show division/reducing fractions) | **Lesson 3** Fractions to Know (Explore common equivalent fractions ½ = 50/100 etc.) | **Lesson 4** Fractions with % (Illustrate & show equivalence between fractions and percentages |
| Package 18 | **Lesson 1** Fraction of a no. (Find the value of one part with 'concrete' illustrations) | **Lesson 2** Fraction of a no. (Finding the value of more than one part, extending lesson 1 concept) | **Lesson 3** Percent of a no. (Revisit concepts of equivalence. Apply fractions of numbers to %) | **Lesson 4** Percent Discounts (Apply fraction of no. concepts to find discounts) |
| Package 19 | **Lesson 1** Add & subtract fractions (Equivalence concept) | **Lesson 2** Add & subtract mixed no's (Illustrate concept) | **Lesson 3** Multiply fractions (Fraction of no. concepts) | **Lesson 4** Divide fractions |

# Fractions with Decimals (package 20)

| Package 20 | **Lesson 1** Compare Fraction & Decimals (Introduce tenths concept using cut up apples) | **Lesson 2** Divide Fractions to form Tenths (Write fractions as division sums - e.g. 1 ÷10. Use apples illustrations) | **Lesson 3** Divide Fractions to form Hundredths (Write fractions as division sums - e.g. 1 ÷4 - carrying to hundredths using apple illustrations) | **Lesson 4** Fraction Formats & Equivalence (Explore the relationship between fractions, decimals & %) |
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# Decimals with Money
## Package 21 - 22



| Package 21 | **Lesson 1** <br> Introduce Cents <br> (Count in 2,s, 5's, 10's, 20's, 50's using coins below $1) | **Lesson 2** <br> Explore Equivalent Values <br> (Use different coins to make equal amounts) | **Lesson 3** <br> Count Cents Below $1 <br> (Count on in tens from any number) | **Lesson 4** <br> Shop Below $1 <br> (Find the coins to make given amounts below a dollar) |
|---|---|---|---|---|
| **Package 22** | **Lesson 1** <br> Introduce $1.00 <br> (Relate written format to decimal concepts - cents are part of $1.00) | **Lesson 2** <br> Decimals / Money <br> (Compare 5c with 50c - place value concepts) | **Lesson 3** <br> $2 & notes <br> (Make the same amount in different ways using notes & dollar coins) | **Lesson 4** <br> Find Change <br> (Round up and count on - continue to develop decimal concepts) |

# Decimals with Measurement
## Package 23

| Package23 | **Lesson 1** <br> Measure mm/cm <br> (Relate measurement to decimal concepts - tenths) | **Lesson 2** <br> Measure cm/m <br> (Relate measurement to decimal concepts - tenths & hundredths) | **Lesson 3** <br> Measure mL/L <br> (Relate measurement to decimal concepts - thousandths) | **Lesson 4** <br> Measure Km/Kg <br> Further application of measurement to thousandths) |
|---|---|---|---|---|
| **Package24** <br> Conversions & problems <br><br> **- to be completed** | | | | |