Package 18

Path2 SUCCESS

Package overview and questionnaire

Note: Your child will benefit from this package if they are unable to answer any of the pre-lesson questions.

Lesson 1:

Finding fractions of numbers (one part)

Required prior knowledge: Written format of fractions; Division facts

Lesson 2:

Finding fractions of numbers (more than one part)

Required prior knowledge: Finding fractions of numbers (one part)

Lesson 3:

Finding percentages of numbers

Required prior knowledge: Equivalent fractions

Lesson 4:

Finding percentage discounts

Required prior knowledge: Fractions of numbers, equivalent fractions

Fractions

Package 18, lesson 1

Finding fractions of numbers (one part)

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Does your child recognise that fractions are related to division? Question: Ask your child to write to find 1/4 of 36 ANS: 36 ÷ 4 = 9	Yes/no	
Does your child understand how to check fractions of numbers? Question: Ask your child why 1/3 of 15 cannot be 6 ANS: Because 15 ÷ 3 is not 6	Yes/no	

What does this lesson teach?
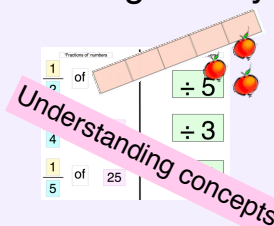
This lesson will teach your child to:
Divide a whole number by the denominator (bottom number in a fraction): to find the value of one part fractions of numbers.
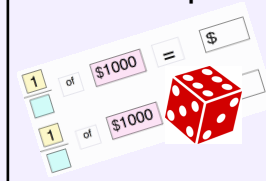
What is included?

A lesson plan explaining: **Math language & sequence of teaching**	Matching & sharing activity *Understanding concepts*	Game to consolidate concepts

Fractions

Package 18, lesson 2

Finding fractions of numbers (more than one part)

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Can your child find a fraction of a number? Question: Find 3/4 of 36 ANS: 27 (36 ÷ 4 x 3 = 27)	Yes/no	
Does your child recognise equivalence when finding fractions of numbers? Question: Find 2/4 of 16 ANS: 8 (does your child find 1/2 of 16?	Yes/no	

What does this lesson teach?

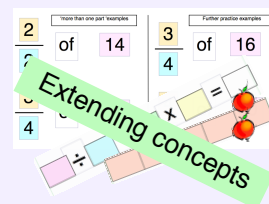This lesson will teach your child to:
Divide a whole number by the denominator and multiply by the numberator

What is included?

A lesson plan explaining: **Math language & sequence of teaching**	Visual aides, practical activities 	Game (extension of lesson 1 game)

Fractions

Package 18, lesson 3

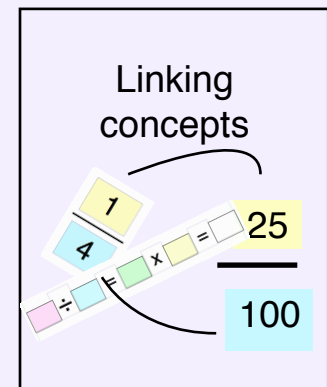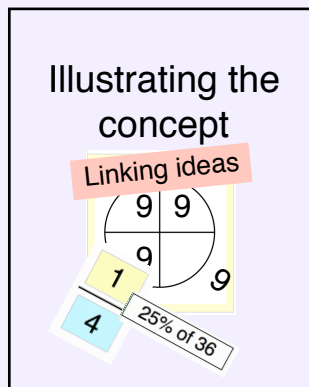| Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Does your child understand what a percentage is? (Can your child write 75% as the fraction 75/100?) Question: Write 75% as a fraction that has not been simplified. ANS: 75/100	Yes/no	
Can your child change a fraction to a percentage? Question: Write 1/4 as a percentage ANS: 25% (Can they tell you why it is 25%, or has this been memorised?	Yes/no	
Can your child find the given percentage of a number? Question: What is 75% of 36? ANS: 36 ÷4 x 3 = 27	Yes/no	

What does this lesson teach?

This lesson will teach your child to:
Apply fractions of number concepts to find percentages of numbers

What is included?

A lesson plan explaining:

Math language & sequence of teaching

Illustrating the concept

Linking ideas

Linking concepts

Fractions

Path 2 SUCCESS

Package 18, lesson 4

Finding percentage discounts

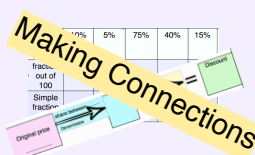| Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Does your child know that a discount is money taken off a product? Question: What is a discount? ANS: Money taken off an item.	Yes/no	
Can your child find 10% percent of 50? Question: How much money would be taken off a $50 clock if it had 10% off? ANS: $5.00 (1/10 of $50)	Yes/no	
Can your child find the cost of a $20 book after 10% discount? Question: How much will a $20 book cost after a 10% discount? ANS: $18 (10% = $2. Do they take this from the original cost?)	Yes/no	

What does this lesson teach?

This lesson will teach your child to:
Solve problems that require cost after discounts to be found

What is included?

A lesson plan explaining:

Math language & sequence of teaching

Calculating discounts activity

Making Connections

Guided Problem Solving

Applying concepts