Package 20

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:

Comparing fractions to decimals (tenths)

Required prior knowledge: Division process, fraction format and concepts

Lesson 2:

Changing fractions to decimals (tenths)

Required prior knowledge: Division process, value of tenths

Lesson 3:

Changing fractions to decimals (hundredths)

Required prior knowledge: Decimals to tenths, fractions as division sums (dividing to tenths)

Lesson 4:

Changing fractions to decimals (hundredths)

Required prior knowledge: dividing to tenths, concept of fractions and percentages

Fractions with Decimals

Package 20, lesson 1

Comparing fractions to decimals (tenths)

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Does your child understand that write a fraction can be written as a division sum? Question: Write 1/10 as a division sum ANS: 1 ÷ 10	Yes/no	
Does your child recognise that tenths are fractions out of ten? Question: Write 0.1 as a fraction ANS: 1/10	Yes/no	
Does your child know how many tenths make a whole? Question: If I have 6/10, how many more tenths do I need to add to make one whole? ANS: 4/10	Yes/no	

What does this lesson teach?

This lesson will teach your child to:

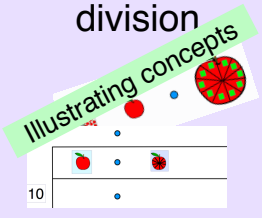
Understand the relationship between fractions and decimals

What is included?

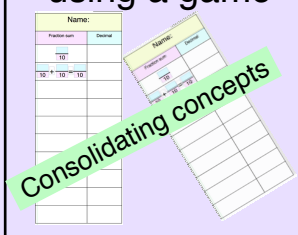
A lesson plan explaining:

Math language & sequence of teaching

Fractions are linked with division



consolidation using a game



Fractions with Decimals

Package 20, lesson 2

Changing fractions to decimals (tenths)

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Can your child write a fraction as a number sentence? Question: Write 1/2 as a number sentence. ANS: 1 ÷ 2	Yes/no	
Can your child change a horizontal number sentence to a division sum? Question: Write 1 ÷ 2 as a sum. ANS: $2\overline{)1}$	Yes/no	
Does your child understand how to carry remainders into decimals during the division process? Question: Calculate 1 ÷ 10 in a sum. ANS: 0.1	Yes/no	

What does this lesson teach?

This lesson will teach your child to:

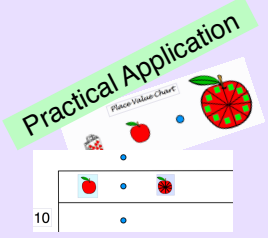
Relate fractions to division

What is included?

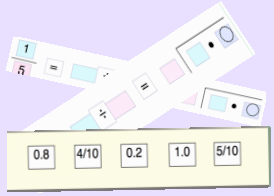
A lesson plan explaining:

Math language & sequence of teaching

Illustrating place value & division



Appy & consolidate concepts



Fractions with Decimals

Package 20, lesson 3

Comparing tenths with hundredths

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 hundredths are worth less than tenths? Question: Which is worth more: 0.5, 0.105 or 0.05? ANS: 0.5	Yes/no	
Can your child write 6/100 as a decimal? Question: Write 6/100 as a decimal. ANS: 0.06 (do they know 0.06 os less than 0.6?)	Yes/no	
Can your child add hundredths to make a whole? Question: 75/100 + ? = 1 ANS: 25/100 (Do they know that 100/100 is equal to a whole?)	Yes/no	

What does this lesson teach?

This lesson will teach your child to:

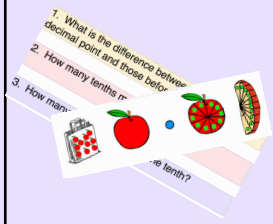
Develop a meaningful understanding of comparative place values

What is included?

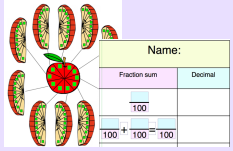
A lesson plan explaining:

Math language & sequence of teaching

Fractions & decimals



Exchange game illustrating tenths & hundredths



Fractions with Decimals

Package 20, lesson 4

Changing fractions to decimals (hundredths)

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Can your child write a fraction as a division sum and solve it? Question: Write 1/4 as a division sum and solve it. ANS: 4 ⟌ 1	Yes/no	
Can your child divide to thousandths? Question: Write a division sum to find the fraction equivalent of one eighth (1/8). ANS: 8 ⟌ 1 . 10 20 40 = 0 . 1 2 5	Yes/no	
Can your child write a percentage in three different ways? Question: Write 5% in three different ways ANS: 5/100; 1/20; 0.05	Yes/no	

What does this lesson teach?

This lesson will teach your child to:

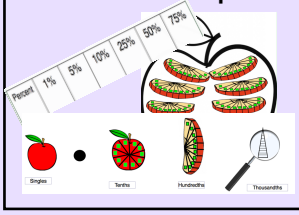
Connect the concept of fractions, decimals, percentages and division

What is included?

A lesson plan explaining:

Math language & sequence of teaching

Illustrations & activities to link concepts



Extension of concepts already taught