Package 9

Overview

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

Lesson 1:

Division Concept

Required prior knowledge: A concept of grouping

Lesson 2:

Skip Counting for division

Required prior knowledge: A concept of skip counting as adding equal groups

Lesson 3:

Division with Remainders (horizontal number sentences)

Required prior knowledge: Understanding the concept of division without remainders

Lesson 4:

Division with Problem Solving

Required prior knowledge: Understanding the division concept

Place Value with Division

Package 9, lesson 1
Division Concept

Pre-lesson questions (Does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Can your child solve a division problem? Question: Ask your child to find 12 ÷ 2 ANS: Are they familiar witht he process?	Yes/no	
Can your child write a division sentence as a sum? Question: Ask your child write 16 ÷ 3 as a division sum (rather than a horizontal no. sentence) ANS: 8 3 ⟌ 16	Yes/no	
Does your child know the language associated with division? Question: Ask your child to say which words describe division (how many more, split, total, difference, share, divide) ANS: divide, split, share	Yes/no	
Can your child illustrate what that division involves splitting into equal groups? Question: Give your child 15 blocks or pasta. Ask them to show what 15 ÷ 3 looks like ANS: ***** ***** *****	Yes/no	

What does this lesson teach?

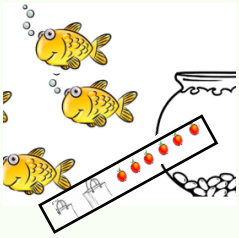
This lesson will teach your child to:

Develop the concept of division whilst understanding the format of the number sentence and sum.

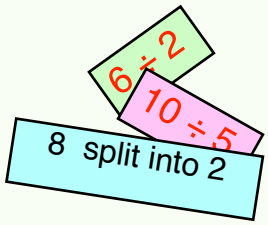
What is included?

A lesson plan explaining **Math language & process**

Sharing activity



Matching



Place Value with Division

Package 9, lesson 2
Skip Counting for division

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Can your child recall x 2 division facts with confidence? Question: Ask your child 6 ÷ 2; 18 ÷ 2; 10 ÷ 2 ANS: 3, 9, 5 (can your child recall without skip counting?)	Yes/no	
Can your child recall x 5 division facts with confidence? Question: Ask your child 25 ÷ 5; 60 ÷ 5; 40 ÷ 5 ANS: 5, 12, 8 (can your child recall without skip counting?)	Yes/no	
Does your child recognize that division can describe how many groups or how many in a group? Question: Ask your child to show 12 ÷ 3 two different ways ANS: 12 divided into 3 groups or into groups of 3 **** **** **** *** *** *** ***	Yes/no	

What does this lesson teach?

This lesson will teach your child to:

Use skip counting as a method of dividing whilst recognizing that numbers can be split in different ways.

Also reinforce recall of ÷2 & ÷5 facts

What is included?

A lesson plan explaining **Math language & process**

Exploring sharing concepts

÷ 2

Divide by cards

'Start with' cards

Practicing recall of ÷ 2 & ÷ 5

check guess

check guess

Place Value with Division

Package 9, lesson 3
Division with Remainders

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Can your child solve a division problem that involves remainders? Question: Ask your child to find 20 ÷ 3 ANS: 6 remainder 2 (do they understand that there are 'remainders?')	Yes/no	
Can your child recall x 3 division facts with confidence? Question: Ask your child 18 ÷ 3; 27 ÷ 3; 21 ÷ 3 ANS: 6, 9, 7 (can your child recall without skip counting?)	Yes/no	
Can your child recall x 4 division facts with confidence? Question: Ask your child 16 ÷ 4; 36 ÷ 4; 24 ÷ 4 ANS: 4, 9, 6 (can your child recall without skip counting?)	Yes/no	

What does this lesson teach?

This lesson will teach your child to:

Develop the concept of division with remainders. Concept of grouping an amount in different ways

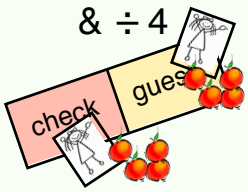
Also reinforce recall of ÷3 & ÷4 facts

What is included?

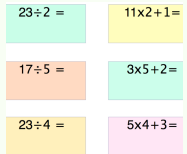
A lesson plan explaining **Math language & process**

Illustrating division concepts

Practicing recall of ÷ 3 & ÷ 4



Understanding how to check answers



Place Value with Division

Package 9, lesson 4
Division with Problem Solving

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Can your child solve a division problem that involves remainders? Question: Ask your child to find 30 ÷ 4 ANS: 7 remainder 2 (do they understand that there are 'remainders?')	Yes/no	
Can your child describe some division 'stories'? Question: Give your child 8 sweets or apples. Ask them to say a division story using this resource ANS: Do they show a sharing story?	Yes/no	
Does your child understand that there may be remainders? Question: "I have 15 sweets to share with my friend. How many each, and how many left over?" ANS: 7 remainder 1	Yes/no	

What does this lesson teach?

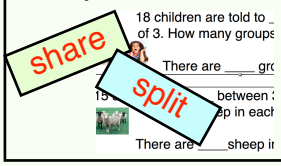
This lesson will teach your child to:

Recognize the language associated with division and recognize situations where division may be used.

What is included?

A lesson plan explaining **Math language & process**

Language flashcards. Illustrated problems



Making stories - language consolidation