Package 6

Overview

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

Lesson 1:

Multiplication Concept
Required prior knowledge: Concept of adding

Lesson 2:

Linking the multiplication sign to add equal groups
Required prior knowledge: Concept of grouping

Lesson 3:

Turn around Concept
Required prior knowledge: Understands that multiplication is adding equal groups

Lesson 4:

Multiplying 2 digit numbers (no regrouping)
Required prior knowledge: Can write number sentence (horizontal format) as a sum (vertical format)

Place Value with Multiplication

Path 2 SUCCESS

Package 6, lesson 1
Multiplication Concept

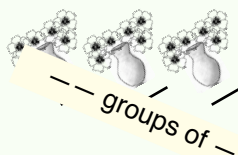| Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Does your child understand what a group is? Question: Give your child 12 blocks or pieces of pasta. Ask them how many groups of 4. ANS: Did they can make 3 groups of 4?	Yes/no	
Does your child associate skip counting with adding equal groups? Question: Ask your child why skip counting is useful. ANS: It is a quick way to add equal groups	Yes/no	

What does this lesson teach?

This lesson will teach your child to:

Understand grouping in different contexts

What is included?

A detailed plan that clearly explains Math language & process	Skip counting with pictures and words __ __ groups of __	Reading sentences In all In total altogether writing answers

Place Value with Multiplication

Path 2 SUCCESS

Package 6, lesson 2
Understanding the multiplication sign and sentence

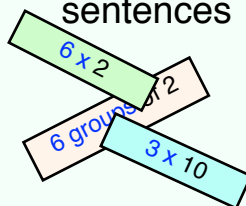| Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Does your child associate the multiplication sign with adding equal groups? Question: Give your child a pile of pasta or blocks. Write 3 x 5. Ask them to use the materials to show what this looks like. ANS: Did they make 3 groups of 5 (rather than 5 groups of 3?)	Yes/no	
Can your child write a sum in response to a given illustration? Question: Draw 3 flowers in each of 4 vases. Ask your child to write a sum. ANS: 3 x 4 = 12 flowers	Yes/no	

What does this lesson teach?

This lesson will teach your child to:

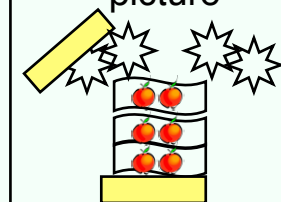Understand the meaning of the multiplication sign. Represent number sentences visually.

What is included?

A detailed plan that clearly explains Math language & process	Match words with sentences	Annotate the picture

Place Value with Multiplication

Package 6, lesson 3
Turn around Concept

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 when numbers are multiplied in a different order, the answer is the same? Question: Ask what 9 x 2 equals, and then 2 x 9 (dictated). ANS: Do they realize the answer is the same?	Yes/no	
Does your child understand the meaning of turn around? Question: Ask your child "what is the turn around of 5 x 10? ANS: 10 x 5	Yes/no	
Can your child write a multiplication sum in the vertical format? Question: Ask your child to calculate 43 x 2 (dictated) ANS: 86 (Do they write a sum to work this out?	Yes/no	

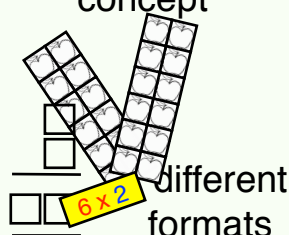## What does this lesson teach?

This lesson will teach your child to:

Understand that numbers can be multiplied in any order in horizontal and vertical format
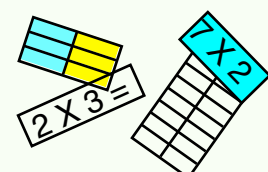
What is included?

A detailed plan that clearly explains Math language & process	Illustrating the concept different formats	Match and colour

Place Value with Multiplication

Package 6, lesson 4

Multiplying 2 digit numbers in a sum (no regrouping)

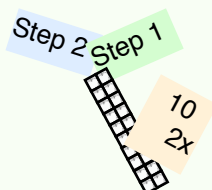| Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Can your child multiply 2 digit numbers in a sum? Question: Dictate 34 x 2 for your child to write and solve ANS: Can they write a sum to find the answer (68?)	Yes/no	
Can your child change a multiplication sum in the vertical format? Question: Write the sum for number sentence 42 x 2 ANS: Do they write the sum correctly?	Yes/no	

What does this lesson teach?

This lesson will teach your child to:

Write number sentences (horizontal format) into sums (vertical format) developing the concept of multiplying tens and singles
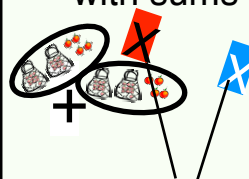
What is included?

A detailed plan that clearly explains Math language & process	Illustrated 'process' visual	Connect illustrations with sums	Practice examples