








Structured Maths Approach Assessments

These assessments are a great way to pre or post check the learning that appears in each chunk and lesson within the phase. These could be used in many ways to inform your lessons, your start point and to see how the chunk of learning has gone for your students.

Each phase assessment is split into four chunks (to match each chunk of learning) with a question that can be matched back to each lesson. You will then be able to see what still needs to be worked on or covered in your teaching time.

Phase 3 (Year 2)		Name:	
Chunk 1 Assessment		Term:	
Year:		Year:	
What comes after these numbers: 412 773	Write a number that has... a 4 in it a 8 in it	What comes before these numbers: 899 605	
Write down the numbers that come next in counting forwards: 235	Write down the numbers backwards: 609		
Order these from smallest to biggest: 687 170 943 111			
Compare these numbers using >, < or =: 156 258 31 133 270 127 480 480	Decompose these numbers: 157 = 643 =		
Practice skip counting in 2's, 5's, 10's and 1's: In 2's: 24 28 32 34 In 5's: 45 40	In 10's: 40 50 80 In 1's: 9 12 21		

Phase 3 (Year 2)		Name:	
Chunk 2 Assessment		Term:	
Year:		Year:	
Solve these addition sums by counting on: 23 + 5 = 56 + 8 = 67 + 9 = 43 + 5 = 32 + 7 = 89 + 6 =	Solve these addition sums by using place value: 23 + 15 = 60 + 19 = 32 + 47 =		
Solve the word problem: I had 10 lollipops in my jar. I ate some and now there were 15. How many did I eat? $\square - \square = \square$	Solve these addition sums: 69 + 15 = 36 + 18 =		
	Solve these subtraction sums: 23 - 5 = 74 - 5 = 60 - 6 = 85 - 5 = 37 - 6 = 58 - 5 = 23 - 3 = 23 - 3 = 37 - 3 = 89 - 3 =		
Solve these problems to show your fluency: 16 + 16 = 70 - 35 = 31 + 3 = 55 + 45 = 100 - 5 = 80 - \square = 40 30 - \square = 15	Solve these subtraction sums: 28 - 15 = 69 - 10 = 37 - 27 = 69 + 15 = 36 + 18 =		

Phase 3 (Year 2)		Name:	
Chunk 3 Assessment		Term:	
Year:		Year:	
Solve these by skip counting to multiply: 4 x 5 = 0 x 2 = 12 x 10 = 4 x 2 = 9 x 3 = 2 x 10 = 8 x 3 =	Solve these by skip counting to divide: 15 ÷ 3 = 30 ÷ 3 = 40 ÷ 10 = 4 ÷ 2 = 40 ÷ 5 = 60 ÷ 10 = 6 ÷ 3 =		
Find halves of these: $\frac{1}{2}$ of 26 = $\frac{1}{2}$ of 30 = $\frac{1}{2}$ of 148 = $\frac{1}{2}$ of 14 =	Find quarters of these: $\frac{1}{4}$ of 8 = $\frac{2}{4}$ of 12 = $\frac{3}{4}$ of 16 = $\frac{1}{4}$ of 80 =		
Find thirds of these: $\frac{1}{3}$ of 8 = $\frac{1}{3}$ of 9 = $\frac{2}{3}$ of 12 = $\frac{2}{3}$ of 27 =	Order these fractions from smallest to biggest: $\frac{1}{3}$ $\frac{4}{5}$ $\frac{2}{10}$ $\frac{2}{2}$		
Label the fractions:    	Write and draw the matching fractions: two quarters —  three eighths —  four sixths — 		

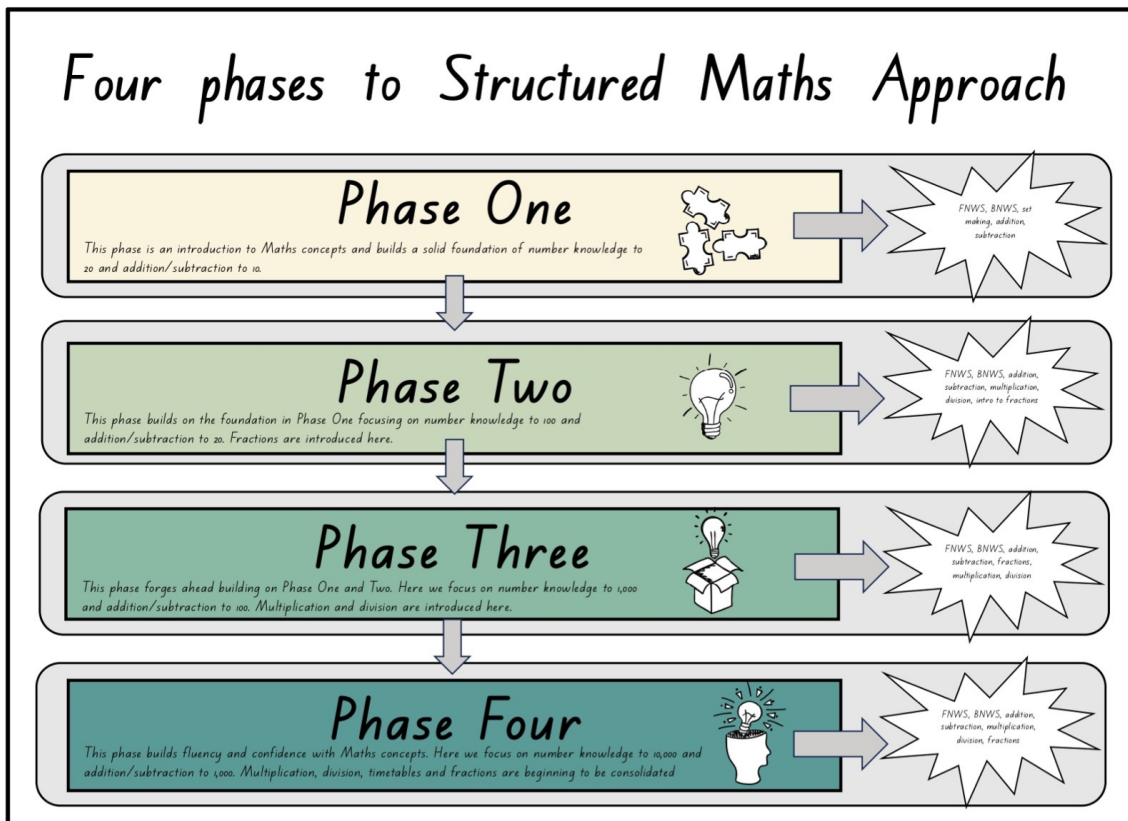
Phase 3 (Year 2)		Name:	
Chunk 4 Assessment		Term:	
Year:		Year:	
Find halves of these: $\frac{1}{2}$ of 8 = $\frac{1}{2}$ of 20 = $\frac{1}{2}$ of 16 = $\frac{1}{2}$ of 80 =	Find quarters of these: $\frac{1}{4}$ of 8 = $\frac{1}{4}$ of 20 = $\frac{1}{4}$ of 16 = $\frac{1}{4}$ of 4 =		
Practice skip counting: In 3's: 3 6 In 5's: 65 80			

Simply print off the chunk you are looking to assess, complete with students and then review their answers.

You could complete another check of the chunk assessment at the end of the time period; or simply that one lesson of questions again.

The Four Phases breakdown to Structured Maths Approach

Here is the complete breakdown to Structured Maths Approach across the four phases and what each chunk will cover with their lessons.



Phase 1 (Year 0 or New Entrants)

Chunk 1 Numbers 1-10	Chunk 2 Add and subtract to 5	Chunk 3 Numbers 11-20	Chunk 4 Add and subtract to 10
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Phase 2 (Year 1)

Chunk 1 Numbers 1-100	Chunk 2 Add and subtract to 20	Chunk 3 Add and subtract to 20 Fractions	Chunk 4 Multiplication and division Fractions
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Phase 3 (Year 2)

Chunk 1 Numbers 1-1,000	Chunk 2 Add and subtract to 100	Chunk 3 Add and subtract to 100 Fractions	Chunk 4 Multiplication and division Fractions
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Phase 4 (Year 3)

Chunk 1 Numbers 1-10,000	Chunk 2 Add and subtract to 1,000	Chunk 3 Add and subtract to 1,000 Multiplication and division	Chunk 4 Add and subtract to 1,000 Multiplication and division Fractions
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What comes after these numbers:

412

773

Write a number that has...

a 4 in it

a 8 in it

What comes before these numbers:

899

605

Do these numbers have a teen in it? Circle them:

634

818

700

212

513

222

Write down the numbers that come next in counting forwards:

235

Write down the numbers that come next in counting backwards:

609

Order these from smallest to biggest:

687

170

943

111

890

Compare these numbers using < > or =

156

258

31

133

270

127

480

480

Decompose these numbers:

157 =

643 =

Compose these numbers:

70 + 5 =

600 + 90 + 2 =

Practice skip counting in 2's, 5's, 10's and 3's:

In 2's:

24

28

32

34

In 10's:

40

50

80

In 5's:

45

60

In 3's:

9

12

21

Solve these addition sums by counting on:

$$23 + 5 = \quad 56 + 8 =$$

$$67 + 9 = \quad 43 + 5 =$$

$$32 + 7 = \quad 89 + 6 =$$

Solve these addition sums by using place value:

$$23 + 15 = \quad 54 + 23 =$$

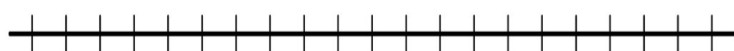
$$60 + 19 = \quad 70 + 15 =$$

$$32 + 47 = \quad 13 + 65 =$$

Solve the word problem:

I had 43 lollipops in my jar. I ate some and now there were 78. How many did I eat?

$$\square - \square = \square$$

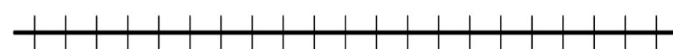


Solve these addition sums by using a number line:

$$69 + 15 =$$



$$36 + 18 =$$



Solve these subtraction sums by counting back:

$$23 - 5 = \quad 54 - 5 =$$

$$60 - 6 = \quad 70 - 7 =$$

$$37 - 6 = \quad 33 - 5 =$$

Solve these problems to show your fluency:

$$16 + 16 =$$

$$70 - 35 =$$

$$31 + 3 =$$

$$55 + 45 =$$

$$100 - 5 =$$

$$80 - \square = 40$$

$$30 - \square = 15$$

Solve these subtraction sums by using place value:

$$28 - 15 = \quad 94 - 23 =$$

$$69 - 10 = \quad 75 - 10 =$$

$$37 - 27 = \quad 65 - 14 =$$

Solve these subtraction sums by using a number line:

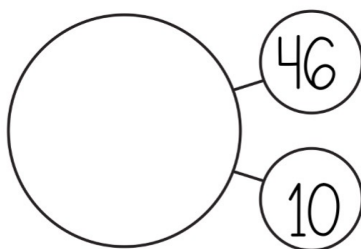
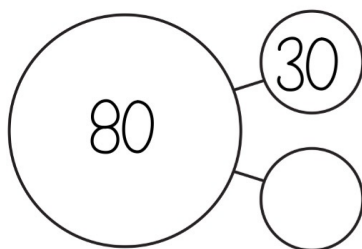
$$69 - 15 =$$



$$36 - 18 =$$



Solve these number bonds to 100:



Solve these doubles to 100:

$$26 - 13 =$$

$$19 + 19 =$$

$$25 + 25 =$$

Add these using addition strategies you know:

$$74 + 5 =$$

$$37 + 9 =$$

$$25 + 14 =$$

$$80 + 11 =$$

$$12 + 12 =$$

$$54 + 35 =$$

Subtract these using subtraction strategies you know:

$$74 - 5 =$$

$$85 - 14 =$$

$$58 - 2 =$$

$$23 - 12 =$$

$$37 - 9 =$$

$$89 - 37 =$$

Working out space:

Working out space:

Find halves of these:

$$\frac{1}{2} \text{ of } 8 = \quad \frac{1}{2} \text{ of } 20 =$$

$$\frac{1}{2} \text{ of } 16 = \quad \frac{1}{2} \text{ of } 80 =$$

Find quarters of these:

$$\frac{1}{4} \text{ of } 8 = \quad \frac{1}{4} \text{ of } 20 =$$

$$\frac{1}{4} \text{ of } 16 = \quad \frac{1}{4} \text{ of } 4 =$$

Practice skip counting:

In 3's:

3	6					
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In 5's:

65			80			
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Solve these by skip counting to multiply:

$4 \times 5 =$

$0 \times 2 =$

$12 \times 10 =$

$4 \times 2 =$

$9 \times 3 =$

$2 \times 10 =$

$8 \times 3 =$

Solve these by skip counting to divide:

$15 \div 3 =$

$30 \div 3 =$

$40 \div 10 =$

$4 \div 2 =$

$40 \div 5 =$

$60 \div 10 =$

$6 \div 3 =$

Find halves of these:

$\frac{1}{2}$ of 26 =

$\frac{1}{2}$ of 30 =

$\frac{1}{2}$ of 48 =

$\frac{1}{2}$ of 14 =

Find quarters of these:

$\frac{1}{4}$ of 8 =

$\frac{2}{4}$ of 12 =

$\frac{3}{4}$ of 16 =

$\frac{1}{4}$ of 80 =

Find thirds of these:

$\frac{1}{3}$ of 8 =

$\frac{1}{3}$ of 9 =

$\frac{2}{3}$ of 12 =

$\frac{2}{3}$ of 27 =

Order these fractions from smallest to biggest:

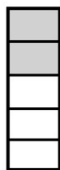
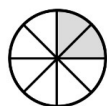
$\frac{1}{3}$

$\frac{4}{5}$

$\frac{2}{10}$

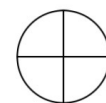
$\frac{2}{2}$

Label the fractions

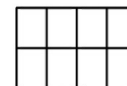


Write and draw the matching fractions:

two quarters —



three eighths —



four sixths —

