

# 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 1 (Year 1)		Name:	
Chunk 1 Assessment		Term:	
		Year:	
What comes after these numbers: 4,212 7,173	Write a number that has: a 4 in it a 8 in it	What comes before these numbers: 8,999 6,405	Do these numbers have a 1 in the tens place? (Yes/No)
Write down the numbers counting forwards: n 1% 3,214 n 10% 3,214 n 100% 3,214 n 1% 3,214	Write down the numbers counting backwards: n 1% 3,214 n 10% 3,214 n 100% 3,214 n 1% 3,214	Solve these sums by counting on/counting back: 123 + 5 = 767 + 9 = 632 + 7 =	Solve these sums by using a number line: 256 - 8 = 443 - 5 = 189 - 6 =
Order these from smallest to biggest: 1,687 5,170 8,943 1,111	Compare these numbers using <, =, or >: 3,156 558 31 7,133 2,270 6,127 4,080 4,180	Solve the word problem: I had no lollipops in my jar. I ate some and now there were six. How many did I eat?	Solve these sums by using a number line: 523 + 115 = 260 + 119 = 432 + 347 =
Decompose these numbers: 1,657 = 6,843 =	Solve these times table facts: 5 x 3 = 2 x 2 = 7 x 10 = 5 x 5 =	Solve these sums by using a number line: 23 + 89 = 194 - 32 = 278 + 41 = 262 + 19 = 311 + 39 =	Solve these sums by using a number line: 623 + 789 = 177 - 35 = 227 - 68 = 604 - 99 = 504 - 89 =
		Solve these sums by using a number line: 345 + 132 = 278 + 139 = 876 + 79 = 421 - 299 =	

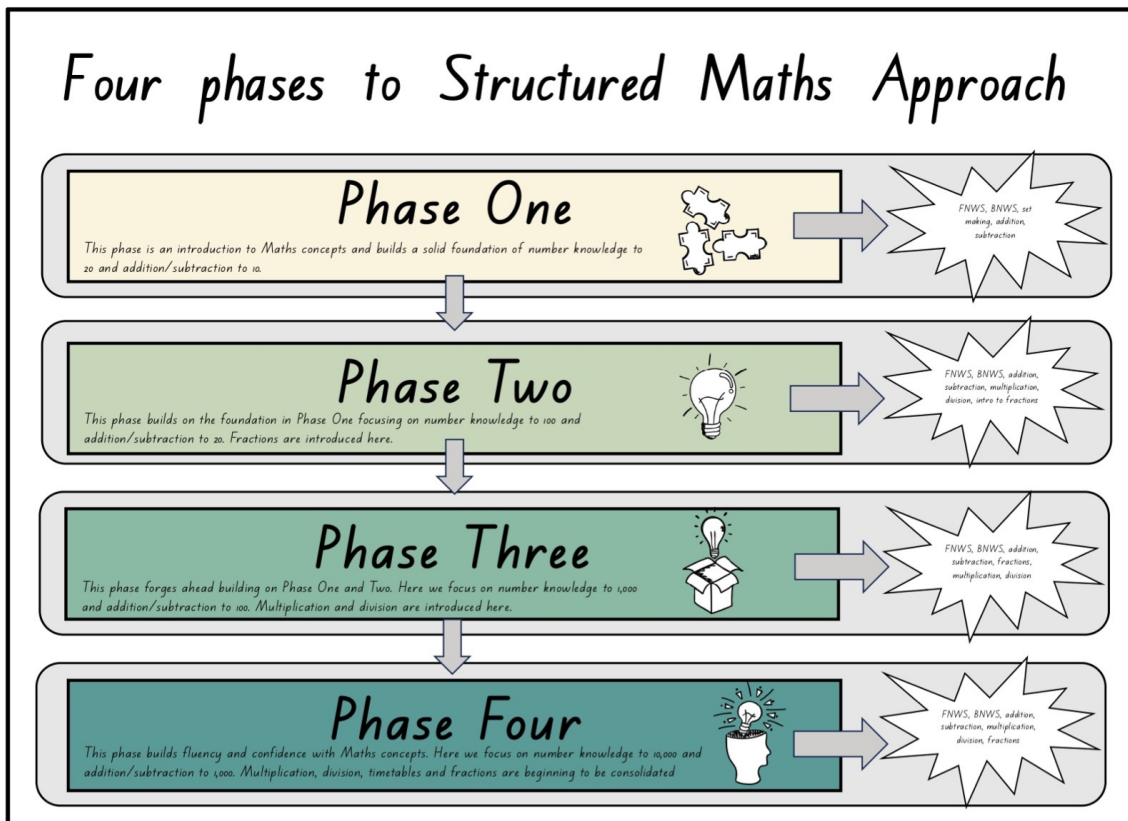
Phase 2 (Year 2)		Name:	
Chunk 2 Assessment		Term:	
		Year:	
Solve these by multiplying by 1 number: 44 x 2 = 55 x 3 = 61 x 5 =	Solve these by multiplying by 2 numbers: 28 x 2 = 39 x 4 = 33 x 10 =	Solve the word problem: x birds could fit in a bush. There were 14 bushes. How many birds were there?	Solve these using addition and subtraction strategies: 210 + 210 = 499 + 66 = 139 + 60 = 877 - 85 = 943 - 180 =
Working out space:	Working out space:	Working out space:	Working out space:
Solve these using division with no remainders: 68 ÷ 4 = 28 ÷ 2 = 75 ÷ 3 =	Solve these using division with no remainders: 32 ÷ 2 = 105 ÷ 5 = 128 ÷ 4 =	Find these fractions of a whole: 1/5 of 25 = 2/7 of 14 =	Draw an equivalent fraction: 1/3 = 2/6 3/5 = 6/10 4/6 = 2/3 1/4 = 2/8
Solve these times table facts: 7 x 3 = 12 x 2 = 6 x 10 = 12 x 5 =	Solve these times table facts: 6 x 8 = 8 x 4 = 11 x 3 = 11 x 10 =	Add these fractions: 1/3 + 1/3 = 4/9 + 2/9 =	Order these fractions from smallest to biggest: 2/3 1/4 3/6 2/10
Solve these times table facts: 7 x 5 = 12 x 8 = 6 x 5 = 12 x 10 =	Solve these times table facts: 6 x 2 = 8 x 3 = 11 x 4 = 3 x 4 =	Solve these times table facts: 28 ÷ 4 = 120 ÷ 10 = 35 ÷ 5 = 40 ÷ 4 =	Solve these times table facts: 27 ÷ 3 = 40 ÷ 8 = 30 ÷ 3 = 24 ÷ 2 =

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:

4,212

7,173

Write a number that has...

a 4 in it

a 8 in it

What comes before these numbers:

8,999

6,405

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

6,234      9,818

7,012      4,212

5,413      8,222

Write down the numbers counting forwards:

in 1's: 3,214

in 10's: 3,214

in 100's: 3,214

Write down the numbers counting backwards:

in 1's: 3,214

in 10's: 3,214

in 100's: 3,214

Order these from smallest to biggest:

1,687

5,170

8,943

1,111

5,890

Compare these numbers using < > or =

3,156

558

31

7,133

2,270

6,127

4,080

4,180

Decompose these numbers:

1,657 =

6,843 =

Compose these numbers:

5000 + 70 + 5 =

1000 + 600 + 90 + 2 =

Solve these times table facts:

$5 \times 3 =$

$2 \times 2 =$

$7 \times 10 =$

$5 \times 5 =$

$1 \times 10 =$

$4 \times 4 =$

$11 \times 2 =$

$6 \times 5 =$

$0 \times 5 =$

$6 \times 3 =$

$11 \times 4 =$

$10 \times 8 =$

$3 \times 0 =$

$12 \times 3 =$

$5 \times 4 =$

$7 \times 5 =$

Solve these sums by counting on/counting back:

$123 + 5 =$

$256 - 8 =$

$767 + 9 =$

$443 - 5 =$

$632 + 7 =$

$189 - 6 =$

Solve these sums by using place value:

$523 + 115 =$

$954 - 123 =$

$260 + 119 =$

$679 - 215 =$

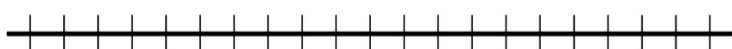
$432 + 347 =$

$265 - 124 =$

Solve the word problem:

I had 313 lollipops in my jar. I ate some and now there were 178. How many did I eat?

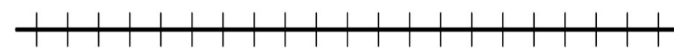
$$\boxed{\phantom{000}} - \boxed{\phantom{000}} = \boxed{\phantom{000}}$$



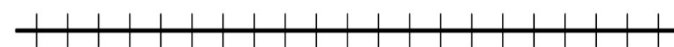
Working out space:

Solve these sums by using a number line:

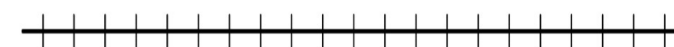
$369 + 115 =$



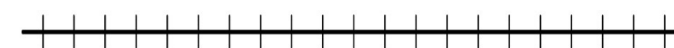
$436 - 38 =$



$745 + 232 =$



$516 - 67 =$



Solve these sums using reversing:

$23 + \boxed{\phantom{00}} = 89$

$623 + \boxed{\phantom{00}} = 789$

$194 - \boxed{\phantom{00}} = 32$

$177 - \boxed{\phantom{00}} = 58$

Solve these sums by using an algorithm:

$345 + 132 =$

$887 - 231 =$

$278 + 139 =$

$974 - 387 =$

Solve these sums using a tidy number:

$278 + 41 =$

$227 - 68 =$

$262 + 19 =$

$604 - 99 =$

$311 + 39 =$

$504 - 89 =$

$876 + 79 =$

$421 - 299 =$

Solve these by multiplying by 1 number:

$44 \times 2 =$

$55 \times 3 =$

$61 \times 5 =$

Solve these by multiplying by 2 numbers:

$28 \times 24 =$

$39 \times 41 =$

$33 \times 10 =$

Solve the word problem:

5 birds could fit in a bush. There were 12 bushes. How many birds were there?

$$\boxed{\phantom{00}} \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

Working out space:

Add these using addition or subtraction strategy you know:

$374 - 5 =$

$785 - 144 =$

$758 + 122 =$

$623 + 198 =$

$237 + 89 =$

Working out space:

Solve these using division with no remainders:

$68 \div 4 =$

$32 \div 2 =$

$28 \div 2 =$

$105 \div 5 =$

$75 \div 3 =$

$128 \div 4 =$

Solve these times table facts:

$7 \times 3 =$

$6 \times 8 =$

$16 \div 2 =$

$80 \div 10 =$

$12 \times 2 =$

$8 \times 4 =$

$60 \div 10 =$

$40 \div 5 =$

$6 \times 10 =$

$11 \times 3 =$

$25 \div 5 =$

$18 \div 3 =$

$12 \times 5 =$

$11 \times 10 =$

$16 \div 4 =$

$24 \div 8 =$

Solve these using addition and subtraction strategies:

$210 + 210 =$

$499 + 66 =$

$139 + 60 =$

$877 - 85 =$

$943 - 180 =$

Solve these using multiplication and division strategies:

$27 \times 4 =$

$31 \times 20 =$

$14 \times 14 =$

$81 \div 3 =$

$140 \div 5 =$

Find these fractions of a whole:

$\frac{1}{5}$  of 25 =

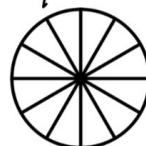
$\frac{3}{9}$  of 36 =

$\frac{2}{7}$  of 14 =

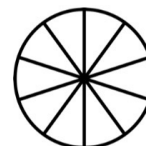
$\frac{2}{5}$  of 35 =

Draw an equivalent fraction:

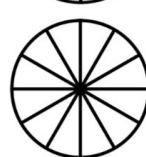
$\frac{1}{3}$



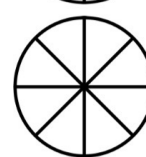
$\frac{3}{5}$



$\frac{4}{6}$



$\frac{1}{4}$



Add these fractions:

$\frac{1}{3} + \frac{1}{3} =$

$\frac{6}{8} + \frac{1}{8} =$

$\frac{4}{9} + \frac{2}{9} =$

$\frac{2}{7} + \frac{2}{7} =$

Order these fractions from smallest to biggest:

$\frac{2}{3}$

$\frac{1}{4}$

$\frac{3}{6}$

$\frac{2}{10}$

Solve these times table facts:

$7 \times 5 =$

$6 \times 2 =$

$28 \div 4 =$

$27 \div 3 =$

$12 \times 8 =$

$8 \times 3 =$

$120 \div 10 =$

$40 \div 8 =$

$6 \times 5 =$

$11 \times 4 =$

$35 \div 5 =$

$30 \div 3 =$

$12 \times 10 =$

$3 \times 4 =$

$40 \div 4 =$

$24 \div 2 =$