

## 5. 1 South America: Argentina

Target	Explanation	Can your child...
I can read and write 5 digit numbers and say what each digit is worth.	Be able to read or write any number in words or digits up to five figures. Explain the value of each digit in a five figure number.	Say what 40,563 says. Write 30,510 in words. In 71658 what is the value of the 1? $43428 = 40,000 + 3000 + ? + ? + 8$ $65092 = ? + 5090 + ?$ $6000 + 800 + 60 + 7 = ?$ $19000 + 50 + 1 = ?$
I can order and compare 5 digit numbers.	Sort up to five figure numbers according to their size .	Which is smaller 50643 or 54603? How do you know? Arrange from smallest to largest: 71542 60143 64103 7532 7032. < > (it always points to the smaller number) Would you prefer £50,014 or £54,010 Or £5100? Why?
I can count forwards and backwards through 0 in context.	Know that when measuring temperature, numbers can be negative and understand what this means.	Start at any number, positive or negative and count forwards or backwards, saying 'negative one etc. For temperature only, 'minus'. 3, 2, 1, 0, -1, -2 -4, -3, -2, -1, 0, 1, 2
I can add 2 digit numbers in my head.	$23 + 58$	Use a strategy to solve an addition calculation for example: $23 + 58$ Mentally add the tens together, then the units and finally add both together. $20 + 50 = 70$ $3 + 8 = 11$ $70 + 11 = 81$ or $23 + 8 = 31$ $31 + 50 = 81$
I can subtract 2 digit numbers in my head.	$58 - 32$	Use a strategy to solve a subtraction sum: $58 - 32$ $58 - 2 = 56$ $56 - 30 = 26$
I can find multiples of a number going beyond my times tables.	Count beyond 12 times a number. Multiples of 3 are 3, 6, 9, 12, 15 .....39, 42	Count in jumps of eg six up to and beyond $12 \times 6$ 60, 66, 72 72, ?, 88, 108, ?, ? Is 86 a multiple of 6? How do you know? List the multiples of 4 between 50 and 60.
I can read & write decimal numbers as fractions up to hundredths. (2 decimal places)	Understand that eg $0.1 = \frac{1}{10}$ $0.01 = \frac{1}{100}$ $0.001 = \frac{1}{1000}$ $0.25 = \frac{25}{100}$ $0.025 = \frac{25}{1000}$	Write as a fraction 0.6, 0.41, 0.06, 0.017 $0.5 = \frac{?}{10} = \frac{?}{100}$ $0.6 = \frac{?}{100}$ $2.071 = 2 \frac{?}{1000}$ Write as a fraction 0.16 (16/100) Write as a fraction 0.025 (25/1000)
Revision: I can read, write & convert analogue & digital times.	Read or write the time shown on an analogue or digital clock accurately.	Say 3.10am as ten past 3 in the morning. Say 5 to 7 in the evening as 6.55 pm
I can find the difference between two times eg 25 minutes before/after.	Be able to calculate the time difference between two given times	Sam walks to school. He needs to arrive at 8.50 and it takes him 25 mins. When does he need to leave?
Convert units of time ie hours to minutes, minutes to seconds, years to months, months to days.	Know how many seconds in a minute, minutes in an hour, hours in a day, days in any month, days in a year or leap year, months in a year.	If I take 108 seconds to brush my teeth, how many minutes is this? 1 minute, _ seconds  $3 \frac{1}{2}$ hours = ? minutes  How many days in April and March?

## 5.2 South America: Peru

Target	Explanation	Can your child...
I can read and write 6 digit numbers and say what each digit is worth.	Be able to read or write any number in words or digits up to six figures. Explain the value of each digit in a six figure number.	Say what 409,563 says. Write 630,510 in words. In 719,658 what is the value of the 7? 1? $436428 = 400,000 + 30,000 + ? + ? + ? + 8$ $650,192 = ? + 50,000 + ?$ $600,000 + 4000 + 800 + 2 = ?$ $190,000 + 1000 + 40 = ?$
I can order and compare 6 digit numbers.	Order up to six figure numbers according to their size .	Which is smaller 540,643 or 540,603? How do you know? Arrange from smallest to largest: 71,542 680,143 648,103 715,320 703,230. < > (it always points to the smaller number) Would you prefer £503,014 or £510,010 Or £510,000? Why?
I can add 3 digit numbers in my head.	$423 + 358$	Use a strategy to solve an addition calculation for example: $423 + 358$ Mentally add the hundreds together, then the tens, then the units and finally add all together. $400 + 300$ $20 + 50$ $3 + 8$ or $423 + 300 = 723 + 50 = 773 + 8 = 781$
I can subtract 3 digit numbers in my head.	$658 - 432$	Use a strategy to solve a subtraction sum: For example $600 - 400$ $50 - 30$ $8 - 2 =$ or $658 - 400 = 258 - 30 = 228 - 2 = 226$
I can identify factors of a number beyond my times tables.	Factors of 64 are 4 and 16 ( $4 \times 16 = 64$ ), 1, 64, 2, 32 etc	Find all the factors of 75. (1, 75, 3, 25, 5, 15) 4 and 10 are factors of which numbers? (40, 80, 120 etc)
I know by heart all square numbers to 144.	A number multiplied by itself creates a square number	Say the square numbers in order Identify square numbers from a selection of numbers eg 1, 24, 16, 25, 8
I can read and write decimal numbers as fractions up to thousandths.	Understand that eg $0.1 = 1/10$ $0.01 = 1/100$ $0.001 = 1/1000$ $0.25 = 25/100$ $0.025 = 25/1000$	Write as a fraction 0.6, 0.41, 0.06, 0.017 $0.5 = ?/10 = ?/100$ $0.6 = ?/100$ $2.071 = 2 ?/1000$ Write as a fraction 0.16 (16/100) Write as a fraction 0.025 (25/1000)
I know the decimal equivalents for $\frac{1}{2}$ , quarters, fifths, tenths.	Know that $\frac{1}{4} = 0.25$ $\frac{3}{4} = 0.75$ $\frac{1}{5} = 0.2$ $\frac{2}{5} = 0.4$ $\frac{5}{5} = 1$ etc	Say any decimal equivalent for any number of quarters, fifths, or tenths up to one whole eg $\frac{3}{5} = ?$ $\frac{7}{10} = ?$ $0.75 = ?/4$
I can double any number with up to 1 decimal place.	$3.5 + 3.5 = 7$ $4.6 + 4.6 = 9.2$	Understand how this is similar to adding a two digit whole number. What is $6.4 \times 2$ $? \times 2 = 4.6$
I can multiply and divide whole and decimal numbers by 10, 100, 1000.	Multiplying by 10 moves each digit 1 place to the left; by 100, 2 places to the left etc Dividing by 10 moves each digit 1 place to the right; by 100, 2 places to the right etc	What is: $3.4 \times 10$ $0.45 \times 100$ $11.2 \times 1000$ $16.4 \div 10$ $0.3 \div 100$ $1.6 \div 1000$

### 5.3 South America: Brazil

Target	Explanation	Can your child...
I can read and write 7 digit numbers & say what each digit is worth.	Be able to read or write any number in words or digits up to 7 figures. Explain the value of each digit in a 7 figure number.	Say what 6, 409,563 says. Write 8, 630,510 in words. In 5, 719,658 what is the value of the 5? 1? 4, 436,428 = ? + 400,000 + 30,000 + ? + ? + ? + 8 6, 350,192 = ? + ? + 50,000 + ? 6, 000, 000 + 4000 + 800 + 2 = ? 190,000 + 1000 + 40 = ?
I can order and compare 7 digit numbers .	Sort up to 7 figure numbers according to their size .	Which is smaller 4, 540,643 or 4, 540,603? How do you know? Arrange from smallest to largest: 71,542 6,380,143 648,103 5, 715,320 703,230. < > (it always points to the smaller number) Would you prefer £1, 503,014 or £1, 510,010 or £510,000? Why?
I can add 2 & 3 digit numbers in my head.	$35 + 605 =$ $421 + 56 =$	Use a strategy to solve an addition calculation for example: $35 + 605$ Start with the larger number, $605 + 30 + 5$
I can subtract 2 digit numbers from 3 digit numbers in my head.	$540 - 62$	Use a strategy to solve an subtraction calculation for example: $540 - 62$ Start with larger number, $540 - 40 - 20 - 2 = 478$
I can identify factors common to 2 different numbers.	Factors of 12 = 1, 2, 3, 4, 6, 12 Factors of 8 = 1, 2, 4, 8 1, 2, 4 are common to both	Find factors common to: 9 and 15? 12 and 24? 7 and 14?
I can read, write, order and compare numbers with up to 3 decimal places.	Be able to read or write any number in words or digits with up to three decimal places eg 45.256, Use knowledge of place value to put numbers in order, smallest to largest, or largest to smallest.	Which is smaller 34.304 or 34.034? How do you know? Arrange from smallest to largest: 62.1, 61.2, 61.02, 61.21 < > (it always points to the smaller number)
I can read and write Roman numerals up to 1000 and recognise years written in Roman numerals.	Know key Roman numbers I V X L C D M Combine to make all numbers to 1000 and dates eg 1900 = MCM 690 = DCXC 2017 = MMXVII	Convert the following: DCXXIV (624) XCIX (99) 1945 (MCMXLV)
I can convert between measures: m to km to m; g to kg to g; ml to l to ml	Convert between any metric unit using appropriate decimal notation up to three decimal places.	Convert m to km 3500m (3.5km) 375m (0.375km) 3m (0.003km) or, km to m etc
I can half any number with up to 1 decimal place.	35.6 Half the whole number then the decimal. Half of 35 = 17.5 Half of 0.6 = 0.3 Half of 35.6 = 17.8	Find half of 12.4 25.6 13.8
I know if a number is a prime or composite number and can recall prime numbers up to 19.	Prime numbers have only two factors, themselves and 1: 2,3,5,7,11,13,17,19 Composite number has more than two factors	Say prime numbers up to 19 off by heart. Sort prime numbers from a group of numbers: 27, 3, 45, 31, 16