NOTE: There is no could this week.

Must

Please log onto maths.co.uk

Your login details have previously been given to you, and you were asked to stick these in your diary.

You are able to use many platforms such as the following to complete the tests:

- Computers
- iPads
- Chromebooks
- Phones
- Use of library computers

Please complete:

- Arithmetic
- Reasoning and problem solving 1
- Reasoning and problem solving 2

NOTE:
Working out can be done in the spaces provided on screen or on paper.
Please remember to click 'Finish' when you've completed each test.
You will need to sit all 3 tests to receive an overall score. I cannot give you a score if you only choose to complete 1 or 2 of them.

Should:

Miss Scannell's maths group:
Next week we will complete an Arithmetic and Reasoning Problem Solving paper in class. To help prepare for this, please spend some time revising the maths topics we have covered so far this year.

Below are the skills and areas we have learned so far in Year 5. If there are any areas you feel less confident with, please spend some time revising them.

Place Value

- Roman numerals to 1,000
- Numbers to 10,000
- Numbers to 100,000
- Numbers to 1,000,000
- Read and write numbers to 1,000,000
- Powers of 10
- 10/100/1,000/10,000/100,000 more or less
- Partition numbers to 1,000,000
- Number line to 1,000,000
- Compare and order numbers to 10,000
- Compare and order numbers to 1,000,000
- Round to the nearest 10, 100 and 1,000
- Round within 10,000
- Round within 100,000

Addition and Subtraction

- Mental strategies
- Add whole numbers with more than four digits
- Subtract whole numbers with more than four digits
- Round to check answers
- Inverse operations (addition and subtraction)
- Multi-step addition and subtraction problems

- Compare calculations
- Find missing numbers

Multiplication and Division
- Multiply up to a 4-digit number by a 1-digit number
- Multiply a 2-digit number by a 2-digit number (area model)
- Multiply a 2-digit number by a 2-digit number
- Multiply a 3-digit number by a 2-digit number
- Multiply a 4-digit number by a 2-digit number
- Solve problems with multiplication
- Short division
- Divide a 4-digit number by a 1-digit number
- Divide with remainders
- Efficient division
- Solve problems with multiplication and division

Multiplication and Division – Number Knowledge
- Multiples
- Common multiples
- Factors
- Common factors
- Prime numbers
- Square numbers
- Cube numbers
- Multiply by 10, 100 and 1,000
- Divide by 10, 100 and 1,000

Fractions
- Find fractions equivalent to a unit fraction
- Find fractions equivalent to a non-unit fraction
- Recognise equivalent fractions
- Convert improper fractions to mixed numbers
- Convert mixed numbers to improper fractions
- Compare fractions less than 1
- Order fractions less than 1
- Compare and order fractions greater than 1
- Add and subtract fractions with the same denominator
- Add fractions within 1
- Add fractions with totals greater than 1
- Add to a mixed number
- Add two mixed numbers
- Subtract fractions
- Subtract from a mixed number
- Subtract from a mixed number (breaking the whole)
- Subtract two mixed numbers
- Multiply a unit fraction by an integer
- Multiply a non-unit fraction by an integer
- Multiply a mixed number by an integer
- Calculate a fraction of a quantity
- Fractions of an amount
- Find the whole
- Use fractions as operators

Decimals and Percentages
- Decimals up to 2 decimal places
- Equivalent fractions and decimals (tenths)
- Equivalent fractions and decimals (hundredths)
- Equivalent fractions and decimals
- Thousandths as fractions
- Thousandths as decimals
- Thousandths on a place value chart
- Order and compare decimals (same number of decimal places)

- Order and compare any decimals with up to 3 decimal places
- Round to the nearest whole number
- Round to 1 decimal place
- Understand percentages
- Percentages as fractions
- Percentages as decimals
- Equivalent fractions, decimals and percentages

Miss McLaughlin's maths group:

Next week we will complete an Arithmetic and Reasoning Problem Solving paper in class. To help prepare for this, please spend some time revising the maths topics we have covered so far this year.

Below are the skills and areas we have learned so far. If there are any areas you feel less confident with, please spend some time revising them.

Place Value
- Represent numbers to 1,000
- Partition numbers to 1,000
- Number line to 1,000
- Thousands
- Represent numbers to 10,000
- Partition numbers to 10,000
- Flexible partitioning of numbers to 10,000
- Find 1, 10, 100, 1,000 more or less
- Number line to 10,000
- Estimate on a number line to 10,000
- Compare numbers to 10,000
- Order numbers to 10,000
- Roman numerals
- Round to the nearest 10
- Round to the nearest 100
- Round to the nearest 1,000
- Round to the nearest 10, 100 or 1,000

Addition and Subtraction
- Add and subtract 1s, 10s, 100s and 1,000s
- Add up to two 4-digit numbers (no exchange)
- Add two 4-digit numbers (one exchange)
- Add two 4-digit numbers (more than one exchange)
- Subtract two 4-digit numbers (no exchange)
- Subtract two 4-digit numbers (one exchange)
- Subtract two 4-digit numbers (more than one exchange)
- Efficient subtraction
- Estimate answers
- Checking strategies

Measurement (Area)
- What is area?
- Count squares
- Make shapes
- Compare areas

Multiplication and Division
- Multiples of 3
- Multiply and divide by 6
- 6 times table and division facts
- Multiply and divide by 9
- 9 times table and division facts
- The 3, 6 and 9 times tables
- Multiply and divide by 7

- 7 times table and division facts
- 11 times table and division facts
- 12 times table and division facts
- Multiply by 1 and 0
- Divide a number by 1 and itself
- Multiply three numbers
- Factor pairs
- Use factor pairs
- Multiply by 10
- Multiply by 100
- Divide by 10
- Divide by 100
- Related facts (multiplication and division)
- Informal written methods for multiplication
- Multiply a 2-digit number by a 1-digit number
- Multiply a 3-digit number by a 1-digit number
- Divide a 2-digit number by a 1-digit number
- Divide a 3-digit number by a 1-digit number
- Correspondence problems
- Efficient multiplication

NOTE: There is no could this week.