



Bishopton Primary School

Summary of End of Year Expectations in Maths September 2022

End of Year Expectations for Year 1

- Count to and across 100, forwards & backwards from any number.
- Read and write numbers to 20 in numerals & words.
- Read and write numbers to 100 in numerals.
- Say 1 more/1 less to 100.
- Count in multiples of 2, 5 & 10.
- Use bonds and subtraction facts to 20.
- Add & subtract 1 digit & 2 digit numbers to 20, including zero.
- Solve one-step multiplication and division using objects, pictorial representation and arrays.
- Recognise half and quarter of object, shape or quantity.
- Sequence events in chronological order.
- Use language of day, week, month and year.
- Tell time to hour & half past.



End of Year Expectations for Year 2

- Compare and order numbers up to 100 and use $<$ $>$ $=$.
- Read and write all numbers to 100 in digits & words.
- Say 10 more/less than any number to 100.
- Count in steps of 2, 3 & 5 from zero and in 10s from any number (forwards and backwards).
- Recall and use multiplication & division facts for 2, 5 & 10 tables.
- Recall and use $+/-$ facts to 20.
- Derive and use related facts to 100.
- Recognise place value of any 2-digit number.
- Add & subtract: o 2-digit nos & ones o 2-digit nos & tens o Two 2-digit nos o Three 1-digit nos
- Recognise and use inverse $(+/-)$.
- Calculate and write multiplication & division calculations using multiplication tables.
- Recognise, find, name and write $\frac{1}{3}$; $\frac{1}{4}$; $\frac{2}{4}$; $\frac{3}{4}$.
- Write and recognise equivalence of simple fractions.
- Tell time to five minutes, including quarter past/to.



End of Year Expectations for Year 3

- Compare & order numbers up to 1000.
- Read & write all numbers to 1000 in digits and words.
- Find 10 or 100 more/less than a given number.
- Count from 0 in multiples of 4, 8, 50 and 100.
- Recall & use multiplication & division facts for 3, 4, 8 tables.
- Recognise place value of any 3-digit number.
- Add and subtract:
 - ✓ 3-digit nos and ones
 - ✓ 3-digit nos and tens
 - ✓ 3-digit nos and hundreds
- Add and subtract:
 - ✓ Numbers with up to 3-digits using written columnar method.
- Estimate and use inverse to check.
- Multiply:
 - ✓ 2-digit by 1-digit
- Count up/down in tenths.
- Compare and order fractions with same denominator.
- Add and subtract fractions with same denominator within 1.
- Tell time using 12 and 24 hour clocks; and using Roman numerals.
- Tell time to nearest minute.
- Know number of days in each month and number of seconds in a minute.



End of Year Expectations for Year 4

- Count backwards through zero to include negative numbers.
- Compare and order numbers beyond 1,000.
- Compare and order numbers with up to 2 decimal places.
- Read Roman numerals to 100.
- Find 1,000 more/less than a given number.
- Count in multiples of 6, 7, 9, 25 and 1000.
- Recall and use multiplication and division facts all tables to 12x12.
- Recognise PV of any 4-digit number.
- Round any number to the nearest 10, 100 or 1,000.
- Round decimals with 1dp to nearest whole number.
- Add and subtract numbers with up to 4-digits using written columnar method.
- Multiply:
 - ✓ 2-digit by 1-digit
 - ✓ 3-digit by 1-digit
- Count up/down in hundredths.
- Recognise and write equivalent fractions
- Add and subtract fractions with same denominator.
- Read, write and convert time between analogue and digital 12 and 24 hour clocks



End of Year Expectations for Year 5

- Count forwards and backward with positive and negative numbers through zero.
- Count forwards/backwards in steps of powers of 10 for any given number up to 1,000,000.
- Compare and order numbers up to 1,000,000.
- Compare and order numbers with 3 decimal places.
- Read Roman numerals to 1,000.
- Identify all multiples and factors, including finding all factor pairs.
- Use known tables to derive other number facts.
- Recall prime numbers up to 19.
- Recognise and use square numbers and cube numbers.
- Recognise place value of any number up to 1,000,000.
- Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 or 100,000 and use se rounding to check answers.
- Round decimals with 2 decimal places to nearest whole number and 1 decimal place and recognise and use thousandths.
- Add and subtract numbers with more than 4-digits using formal written method.
- Multiply and divide 4-digits by 1-digit/ 2-digit
- Multiply & divide whole numbers & decimals by 10, 100 and 1,000
- Recognise mixed numbers and improper fractions and convert from one to another.
- Multiply proper fractions and mixed numbers by whole numbers.
- Identify and write equivalent fractions.
- Solve time problems using timetables and converting between different units of time.



End of Year Expectations for Year 6

- Use negative numbers in context and calculate intervals across zero.
- Compare and order numbers up to 10,000,000.
- Identify common factors, common multiples and prime numbers.
- Round any whole number to a required degree of accuracy. Identify the value of each digit to 3 decimal places.
- Use knowledge of order of operations to carry out calculations involving four operations.
- Multiply 4-digit by 2-digit
- Divide 4-digit by 2-digit
- Recognise the relationship between fractions, decimals and percentages, finding equivalences.
- Add and subtract fractions with different denominators and mixed numbers.
- Multiply simple pairs of proper fractions, writing the answer in the simplest form.
- Divide proper fractions by whole numbers.
- Calculate percentage of whole number.
- Solve simple algebraic problems.
- Calculate with measures
- Use mathematical reasoning to find missing angles

