

Grade 1 Math LEAP Curriculum Overview

Semester 1

Unit 1 - Place Value	Lesson 1	Learning Objective: To count forwards and backwards within 20.
	Lesson 2	Learning Objective: To use tens and ones within 20.
	Lesson 3	Learning Objectives: To count forwards and backwards withing 50.
	Lesson 4	Learning Objective: To use tens and ones within 50.
	Lesson 5	Learning Objective: To compare numbers within 50.
	Lesson 6	Learning Objective: To count objects to 100 and read and write numbers in numerals and words.
	Lesson 7	Learning Objective: To count objects to 100 and read and write numbers in numerals and words.
	Lesson 8	Learning Objective: To represent numbers to 100.
Unit 2 - Addition & Subtraction	Lesson 1	Learning Objective: To use addition and subtraction bonds to 20.
	Lesson 2	Learning Objectives: To check calculations.
	Lesson 3	Learning Objective: To compare number sentences.
	Lesson 4	Learning Objective: To know number bonds.
	Lesson 5	Learning Objective: To know related facts.
	Lesson 6	Learning Objective: To use bonds to 100 (tens).
	Lesson 7	Learning Objective: To add and subtract 1s.
	Lesson 8	Learning Objective: To know 10 more and 10 less.
	Lesson 9	Learning Objective: To add and subtract 10s.
Unit 3 - Shape	Lesson 1	Learning Objectives: To recognise 2D and 3D shapes.
	Lesson 2	Learning Objective: To count sides on 2D shapes.
	Lesson 3	Learning Objective: To count vertices on 2D shapes.
	Lesson 4	Learning Objective: To recognize lines of symmetry.
Unit 4 - Money	Lesson 1	Learning Objective: To recognize coins.
	Lesson 2	Learning Objective: To count money in pence.
	Lesson 3	Learning Objective: To count money in pounds.
	Lesson 4	Learning Objective: To count money in notes and coins.

Semester 2

Unit 1 – Multiplication & Division	Lesson 1	Learning Objective: To make equal groups.
	Lesson 2	Learning Objective: To add equal groups.
	Lesson 3	Learning Objectives: To make arrays.
	Lesson 4	Learning Objective: To recognize equal groups.
	Lesson 5	Learning Objective: To make equal groups.
	Lesson 6	Learning Objective: To add equal groups.
	Lesson 7	Learning Objective: To make multiplication sentences using the x symbol.
	Lesson 8	Learning Objective: To make multiplication sentences from pictures.
	Lesson 9	Learning Objective: To use arrays.
	Lesson 10	Learning Objectives: To know the 2 times-table.
Unit 2 – Length & Height	Lesson 1	Learning Objective: To compare lengths and heights.
	Lesson 2	Learning Objective: To measure lengths.
	Lesson 3	Learning Objective: To measure lengths.
	Lesson 4	Learning Objective: To measure lengths.
Unit 3 – Mass, Capacity & Temperature	Lesson 1	Learning Objective: To introduce weight and mass.
	Lesson 2	Learning Objective: To measure mass.
	Lesson 3	Learning Objective: To Compare mass
	Lesson 4	Learning Objectives: To measure mass in grams.
	Lesson 5	Learning Objective: To measure mass in kilograms.
	Lesson 6	Learning Objective: To introduce capacity and volume.
Unit 4 – Fractions	Lesson 1	Learning Objective: To make equal parts.
	Lesson 2	Learning Objective: To recognize a half.
	Lesson 3	Learning Objective: To Find a half.
	Lesson 4	Learning Objective: To recognize a quarter.
	Lesson 5	Learning Objective: To find a quarter.
	Lesson 6	Learning Objective: To recognize a third.
Unit 5 – Time	Lesson 1	Learning Objective: To tell time to the hour.
	Lesson 2	Learning Objective: To tell time to the half hour.
	Lesson 3	Learning Objective: To know o'clock and half past.
	Lesson 4	Learning Objective: To know quarter past and quarter to.
	Lesson 5	Learning Objective: To tell time to 5 minutes.
	Lesson 6	Learning Objective: To write time.
Unit 6 – Statistics	Lesson 1	Learning Objective: To make tally charts.
	Lesson 2	Learning Objective: To draw pictograms.
	Lesson 3	Learning Objective: To interpret pictograms.
	Lesson 4	Learning Objective: To draw pictograms.

Grade 2 Math LEAP Curriculum Overview

Semester 1

Unit 1 - Place Value	Lesson 1	Learning Objective: To represent numbers to 100.
	Lesson 2	Learning Objective: To count in tens and ones using addition.
	Lesson 3	Learning Objectives: To count in hundreds.
	Lesson 4	Learning Objective: To know numbers to 1,000.
Unit 2 - Addition & Subtraction	Lesson 1	Learning Objective: To add and subtract multiples of 100.
	Lesson 2	Learning Objective: To add and subtract 1s.
	Lesson 3	Learning Objective: To add and subtract 3-digit and 1-digit numbers – not crossing 10.
	Lesson 4	Learning Objective: To add a 2-digit and 1-digit number – crossing 10.
	Lesson 5	Learning Objective: To add 3-digit and 1-digit numbers – not crossing 10.
	Lesson 6	Learning Objectives: To subtract a 3-digit number from 2-digits – crossing 10.
	Lesson 7	Learning Objective: To subtract a 1-digit number from a 3-digit number – crossing 10.
	Lesson 8	Learning Objective: To add and subtract 3-digit and 2-digit numbers – not crossing 10.
	Lesson 9	Learning Objective: To add 3-digit and 2-digit numbers – crossing 10.
	Lesson 10	Learning Objective: To subtract a 2-digit number from a 3-digit number – crossing 100.
Unit 3 – Multiplication & Division	Lesson 1	Learning Objective: To make equal groups.
	Lesson 2	Learning Objective: To multiply using the symbol.
	Lesson 3	Learning Objective: To use arrays.
	Lesson 4	Learning Objectives: To know the 2 times-table.
	Lesson 5	Learning Objective: To know the 5 times-table.
	Lesson 6	Learning Objective: To make equal groups by sharing.
	Lesson 7	Learning Objective: To make equal groups by sharing (dividing by 10).
	Lesson 8	Learning Objective: To divide by 2.
	Lesson 9	Learning Objective: To divide by 5.
	Lesson 10	Learning Objective: To divide by 10.
	Lesson 11	Learning Objective: To multiply by 3.
	Lesson 12	Learning Objective: To divide by 3.

Semester 2

Unit 1 – Length & Perimeter	Lesson 1	Learning Objective: To measure length.
	Lesson 2	Learning Objective: To measure length (m).
	Lesson 3	Learning Objectives: To know equivalent lengths (mm & cm).
	Lesson 4	Learning Objective: To know equivalent lengths (m & cm).
Unit 2 – Fractions	Lesson 1	Learning Objective: To work with wholes and parts.
	Lesson 2	Learning Objective: To make equal parts.
	Lesson 3	Learning Objective: To recognize a half.
	Lesson 4	Learning Objective: To find a half.
	Lesson 5	Learning Objective: To recognize a quarter.
	Lesson 6	Learning Objectives: To find a quarter.
Unit 3 – Mass & Capacity	Lesson 1	Learning Objective: To compare mass.
	Lesson 2	Learning Objective: To measure mass.
	Lesson 3	Learning Objective: To measure mass.
	Lesson 4	Learning Objective: To compare mass.
	Lesson 5	Learning Objective: To add and subtract mass.
	Lesson 6	Learning Objective: To compare volume.
Unit 4 – Fractions	Lesson 1	Learning Objective: To make a whole.
	Lesson 2	Learning Objectives: To understand tenths.
	Lesson 3	Learning Objective: To count in tenths.
	Lesson 4	Learning Objective: To understand tenths as decimals.
	Lesson 5	Learning Objective: To understand fractions on a number line.
	Lesson 6	Learning Objective: To understand fractions as a set of objects.
Unit 5 – Money	Lesson 1	Learning Objective: To count money (pence).
	Lesson 2	Learning Objective: To count money (pounds).
	Lesson 3	Learning Objective: To use pounds and pence.
	Lesson 4	Learning Objective: To convert pounds and pence.
Unit 5 – Time	Lesson 1	Learning Objective: To know o'clock and half past.
	Lesson 2	Learning Objective: To know quarter past and quarter to.
	Lesson 3	Learning Objective: To understand months and years.
	Lesson 4	Learning Objective: To understand hours in a day.
	Lesson 5	Learning Objective: To tell the time to 5 minutes.
	Lesson 6	Learning Objective: To tell the time to the minute.
Unit 6 – Statistics	Lesson 1	Learning Objective: To make tally charts.
	Lesson 2	Learning Objective: To draw pictograms.
	Lesson 3	Learning Objective: To interpret pictograms.
	Lesson 4	Learning Objective: To make bar charts.

Grade 3 Math LEAP Curriculum Overview

Semester 1

Unit 1 – Place Value	Lesson 1	Learning Objective: To use numbers to 1,000.
	Lesson 2	Learning Objective: To count in 100s, 10s, and 1s.
	Lesson 3	Learning Objectives: To use a number line to 1,000.
	Lesson 4	Learning Objective: To round to the nearest 10.
	Lesson 5	Learning Objective: To round to the nearest 100.
	Lesson 6	Learning Objective: To count in 1,000s.
Unit 2 – Addition & Subtraction	Lesson 1	Learning Objective: To add and subtract 1s, 10s, 100s, and 1,000s.
	Lesson 2	Learning Objective: To add two 3-digit numbers – not crossing 10 or 100.
	Lesson 3	Learning Objective: To add two 3-digit numbers – crossing 10 or 100.
	Lesson 4	Learning Objectives: To add two 4-digit numbers – one exchange.
	Lesson 5	Learning Objective: To add two 4-digit numbers – more than one exchange.
	Lesson 6	Learning Objective: To subtract a 3-digit number from a 3-digit number – no exchange.
Unit 3 – Area	Lesson 1	Learning Objective: To understand area.
	Lesson 2	Learning Objective: To find area by counting squares.
Unit 4 – Multiplication & Division	Lesson 1	Learning Objective: To multiply by 10.
	Lesson 2	Learning Objective: To multiply by 100.
	Lesson 3	Learning Objective: To divide by 10.
	Lesson 4	Learning Objective: To divide by 100.
	Lesson 5	Learning Objective: To multiply by 1 and 0.
	Lesson 6	Learning Objective: To divide by 1 and itself.
	Lesson 7	Learning Objective: To multiply and divide by 3.
	Lesson 8	Learning Objective: The know the 3 times-tables.
	Lesson 9	Learning Objective: To multiply and divide by 6.
	Lesson 10	Learning Objective: To know the 6 times-tables and division facts.
	Lesson 11	Learning Objective: To multiply and divide by 9.
	Lesson 12	Learning Objective: To know the 9 times-table and division facts.

Semester 2

Unit 1 – Length & Perimeter	Lesson 1	Learning Objective: To know equivalent lengths (m & cm).
	Lesson 2	Learning Objective: To know equivalent lengths (mm & cm).
	Lesson 3	Learning Objectives: To know kilometres.
	Lesson 4	Learning Objective: To add lengths.
Unit 2 – Fractions	Lesson 1	Learning Objective: To use unit and non-unit fractions.
	Lesson 2	Learning Objective: To understand fractions.
	Lesson 3	Learning Objective: To understand tenths.
	Lesson 4	Learning Objective: To count in tenths.
	Lesson 5	Learning Objective: To use equivalent fractions.
	Lesson 6	Learning Objective: To use equivalent fractions.
	Lesson 7	Learning Objective: To use equivalent fractions.
	Lesson 8	Learning Objective: To use equivalent fractions.
Unit 3 – Decimals	Lesson 1	Learning Objective: To recognize tenths and hundredths.
	Lesson 2	Learning Objective: To understand tenths as decimals.
	Lesson 3	Learning Objective: To place tenths on a place value grid.
	Lesson 4	Learning Objective: To place tenths on a number line.
	Lesson 5	Learning Objective: To divide 1-digit by 10.
	Lesson 6	Learning Objective: To divide 2-digits by 10.
	Lesson 7	Learning Objective: To recognize hundredths.
	Lesson 8	Learning Objective: To understand hundredths as decimals.
	Lesson 9	Learning Objective: To place hundredths on a place value grid.
	Lesson 10	Learning Objective: To divide 1 or 2-digits by 100.
Unit 4 – Money	Lesson 1	Learning Objective: To use pounds and pence.
	Lesson 2	Learning Objectives: To order money.
	Lesson 3	Learning Objective: To estimate money.
	Lesson 4	Learning Objective: To convert pounds to pence.
Unit 5 – Time	Lesson 1	Learning Objective: To tell the time to 5 minutes.
	Lesson 2	Learning Objective: To tell the time to the minute.
	Lesson 3	Learning Objective: To use a.m. and p.m.
	Lesson 4	Learning Objective: To use a 24-hour clock.
Unit 5 – Shape	Lesson 1	Learning Objective: To understand turns and angles.
	Lesson 2	Learning Objective: To recognize right angles in shape.
	Lesson 3	Learning Objective: To compare angles.
	Lesson 4	Learning Objective: To identify angles.

Grade 4 Math LEAP Curriculum Overview

Semester 1

Unit 1 – Place Value	Lesson 1	Learning Objective: To count in 1000s, 100s, 10s, and 1s.
	Lesson 2	Learning Objective: To use numbers to 1000.
	Lesson 3	Learning Objectives: To round to the nearest 10.
	Lesson 4	Learning Objective: To round to the nearest 100.
Unit 2 – Addition & Subtraction	Lesson 1	Learning Objective: To add two 4-digit numbers- one exchange.
	Lesson 2	Learning Objective: To add two 4-digit numbers - more than one exchange.
	Lesson 3	Learning Objective: To add whole numbers with more than 4 digits (column method).
	Lesson 4	Learning Objectives: To subtract two 4-digit numbers - one exchange.
Unit 3 – Multiplication & Division	Lesson 1	Learning Objective: To understand Multiples.
	Lesson 2	Learning Objective: To understand factors.
	Lesson 3	Learning Objective: To understand common factors.
	Lesson 4	Learning Objective: To understand prime numbers.
	Lesson 5	Learning Objective: To understand square numbers.
	Lesson 6	Learning Objective: To understand cube numbers.
Unit 4 – Fractions	Lesson 1	Learning Objective: To understand fractions.
	Lesson 2	Learning Objective: To understand equivalent fractions.
	Lesson 3	Learning Objective: To understand equivalent fractions.
	Lesson 4	Learning Objective: To understand fractions greater than 1.
	Lesson 5	Learning Objective: To convert improper fractions to mixed numbers.
	Lesson 6	Learning Objective: To convert mixed numbers to improper fractions.
	Lesson 7	Learning Objective: To compare and order fractions less than 1.
	Lesson 8	Learning Objective: To compare and order fractions less than 1.
Unit 5 – Multiplication & Division	Lesson 1	Learning Objective: To multiply 2-digits by 1-digit.
	Lesson 2	Learning Objective: To multiply 3-digits by 1-digit.
	Lesson 3	Learning Objective: To multiply 2-digits (area model).
	Lesson 4	Learning Objective: To multiply 2-digits (area model).

Semester 2

Unit 1 – Fractions	Lesson 1	Learning Objective: To compare and order fractions greater than 1.
	Lesson 2	Learning Objective: To compare and order fractions greater than 1.
	Lesson 3	Learning Objectives: To add and subtract fractions.
	Lesson 4	Learning Objective: To add fractions within 1.
Unit 2 – Decimals & Percentages	Lesson 1	Learning Objective: To use decimals up to 2 decimal places.
	Lesson 2	Learning Objective: To understand decimals as fractions.
	Lesson 3	Learning Objective: To understand decimals as fractions.
	Lesson 4	Learning Objective: To understand thousandths.
	Lesson 5	Learning Objective: To understand thousandths as decimals.
	Lesson 6	Learning Objective: To round decimals.
Unit 3 – Perimeter & Area	Lesson 1	Learning Objective: To measure perimeter on a grid.
	Lesson 2	Learning Objective: To measure the perimeter of rectangles.
Unit 4 – Statistics	Lesson 1	Learning Objective: To interpret charts.
	Lesson 2	Learning Objectives: To use comparison, sum, and difference.
	Lesson 3	Learning Objective: To introduce line graphs.
	Lesson 4	Learning Objective: To read and interpret line graphs.
Unit 5 – Shape	Lesson 1	Learning Objective: To identify angles.
	Lesson 2	Learning Objective: To compare and order angles.
	Lesson 3	Learning Objective: To measure angles in degrees.
	Lesson 4	Learning Objective: To measure with a protractor.
Unit 5 – Position & Direction	Lesson 1	Learning Objective: To describe position.
	Lesson 2	Learning Objective: To draw on a grid.
	Lesson 3	Learning Objective: To position in the first quadrant.
	Lesson 4	Learning Objective: To translate shapes.
	Lesson 5	Learning Objective: To Translate shapes with coordinates.
	Lesson 6	Learning Objective: To recognize and draw lines of symmetry.
Unit 6 – Decimals	Lesson 1	Learning Objective: To add decimals within 1.
	Lesson 2	Learning Objective: To subtract decimals within 1.
	Lesson 3	Learning Objective: To understand complements to 1.
	Lesson 4	Learning Objective: To add decimals – crossing the whole.
Unit 7 – Converting Units	Lesson 1	Learning Objective: To convert kilometres.
	Lesson 2	Learning Objective: To convert kilograms and kilometres.
	Lesson 3	Learning Objective: To convert millimetres and millilitres.
	Lesson 4	Learning Objective: To convert metric units.

Grade 5 Math LEAP Curriculum Overview

Semester 1

Unit 1 – Place Value	Lesson 1	Learning Objective: To use numbers to 10,000.
	Lesson 2	Learning Objective: To use numbers to 100,000.
	Lesson 3	Learning Objectives: To use numbers to a million.
	Lesson 4	Learning Objective: To use number to 10 million.
Unit 2 – Addition, Subtraction, Multiplication & Division	Lesson 1	Learning Objective: To add whole numbers with more than 4 digits (column method).
	Lesson 2	Learning Objective: To subtract whole numbers with more than 4 digits (column method).
	Lesson 3	Learning Objective: To use inverse operations (addition and subtraction).
	Lesson 4	Learning Objectives: To use multi-step addition and subtraction problems.
	Lesson 5	Learning Objective: To add and subtract integers.
	Lesson 6	Learning Objective: To multiply 4-digits by 1-digit.
	Lesson 7	Learning Objective: To multiply 2-digits by 1-digit.
	Lesson 8	Learning Objective: To multiply 2-digits (area model).
	Lesson 9	Learning Objective: To divide 4-digits by 1-digit.
	Lesson 10	Learning Objective: To divide with remainders.
Unit 3 – Fractions	Lesson 1	Learning Objective: To know equivalent fractions.
	Lesson 2	Learning Objective: To simplify fractions.
	Lesson 3	Learning Objective: To convert improper fractions to mixed fractions.
	Lesson 4	Learning Objective: To convert mixed fractions to improper fractions.
	Lesson 5	Learning Objective: To place fractions on a number line.
	Lesson 6	Learning Objective: To compare and order fraction by the denominator.
	Lesson 7	Learning Objective: To add and subtract fractions.
	Lesson 8	Learning Objective: To add and subtract fractions.
Unit 5 – Ratio	Lesson 1	Learning Objective: To use ratio language.
	Lesson 2	Learning Objective: To understand ratio and fractions.
	Lesson 3	Learning Objective: To introduce the ratio symbol.
	Lesson 4	Learning Objective: To calculate ratio.

Semester 2

Unit 1 – Algebra	Lesson 1	Learning Objective: To find a rule – one step.
	Lesson 2	Learning Objective: To find a rule – two steps.
	Lesson 3	Learning Objective: To form expressions.
	Lesson 4	Learning Objective: To substitute.
Unit 2 – Decimals & Percentages	Lesson 1	Learning Objective: To use decimals up to 2 decimal places.
	Lesson 2	Learning Objective: To understand thousandths.
	Lesson 3	Learning Objective: To use three decimal places.
	Lesson 4	Learning Objective: To multiply by 10, 100, and 1,000.
	Lesson 5	Learning Objective: To understand percentages.
	Lesson 6	Learning Objective: To convert fractions to percentages.
	Lesson 7	Learning Objective: To find equivalent fractions, decimals, and percentages.
	Lesson 8	Learning Objective: To order fractions, decimals, and percentages.
Unit 3 – Area, Perimeter & Volume	Lesson 1	Learning Objective: To find the area of different shapes with the same area.
	Lesson 2	Learning Objective: To measure area and perimeter.
	Lesson 3	Learning Objective: To measure the area of a triangle.
	Lesson 4	Learning Objective: To measure the area of a triangle.
Unit 4 – Statistics	Lesson 1	Learning Objective: To read and interpret line graphs.
	Lesson 2	Learning Objectives: To draw line graphs.
	Lesson 3	Learning Objective: To use line graphs to solve problems.
	Lesson 4	Learning Objective: To use circles.
	Lesson 5	Learning Objective: To read and interpret pie charts.
	Lesson 6	Learning Objective: To draw pie charts with percentages.
	Lesson 7	Learning Objective: To draw pie charts.
	Lesson 8	Learning Objective: To understand the mean.
Unit 5 – Shape	Lesson 1	Learning Objective: To measure with a protractor.
	Lesson 2	Learning Objective: To draw lines and angles accurately.
	Lesson 3	Learning Objective: To introduce angles.
	Lesson 4	Learning Objective: To measure angles on a straight line.
	Lesson 5	Learning Objective: To measure angles around a point.
	Lesson 6	Learning Objective: To calculate angles.
	Lesson 7	Learning Objective: To calculate vertically opposite angles.
	Lesson 8	Learning Objective: To calculate angles on a triangle.
Unit 5 – Geometry	Lesson 1	Learning Objective: To use the first quadrant.
	Lesson 2	Learning Objective: To use four quadrants.
	Lesson 3	Learning Objective: To translate shapes.
	Lesson 4	Learning Objective: To reflect shapes.