Block Map

25 Learning Blocks, aligned with national board guidelines and research-based international standards.

Block 1

4-Digit Numbers

Strand: Numbers

Students will understand that a 4-digit number represents 1,000s, 100s, 10s, and 1s.

Block 7

2-D Shapes

Strand: Geometry

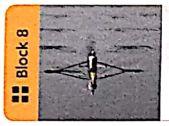
Students will understand that 2-D shapes have features that we use to classify them.

Block 2

Comparing 4-Digit Numbers

Strand: Numbers

Students will understand how to solve story problems based on comparing and arranging 4-digit numbers in an order.



Block 8

Symmetry

Strand: Symmetry and Pattern

Students will understand that some things in the environment are symmetrical along a line of symmetry.

Block 3

Adding and Subtracting Mentally

Strand: Operations

Students will understand that we can add and subtract mentally by counting forward and backwards.

Block 9

3-D Shapes

Strand: Geometry

Students will understand that we can classify 3-D shapes based on their features.

Block 4

Adding and Subtracting 2-Digit Numbers

Strand: Operations

Students will understand that we can add and subtract numbers using place value.

Block 10

Patterns

Strand: Patterns and Relationships

Students will understand that patterns can be created using different things by following a rule.

Block 5

Adding 3-Digit Numbers

Strand: Operations

Students will understand that while adding 3-digit numbers, we add the ones first, then, the tens, and finally, the hundreds.

Block 11

Multiplying Numbers

Strand: Operations

Students will understand that the product remains the same even when numbers are flipped and that rules are applied to find the product of a number multiplied by 0, 1, and 10.

Block 6

Subtracting 3-Digit Numbers

Strand: Operations

Students will understand that subtracting 3-digit numbers is like subtracting 2-digit numbers and that we can regroup 1 ten as 10 ones and 1 hundred as 10 tens, when needed.

Block 12

Multiplication Tables (2, 3, 4, 5)

Strand: Operations

Students will understand that we can skip count and look for patterns to find the tables of 2, 3, 4, and 5.

Block 13

Multiplication Tables (6, 7, 8, 9)

Strand: Operations

Students will understand that we can skip count and look for patterns to build the multiplication tables of 6, 7, 8, and 9.

Block 20

Division Tables: 2, 5, and 10

Strand: Operations

Students will understand that we can use multiplication facts to get division facts.

Block 14

Multiplying Using the Box Model

Strand: Operations

Students will understand that we can multiply numbers by splitting them into ones and tens.

Block 21

Introduction to Fractions

Strand: Number Parts

Students will understand that a fraction describes equal-sized parts of a whole.

Block 15

Multiplying Using the Column Method

Strand: Operations

Students will understand that place value is important while multiplying using the column method.

Block 22

Money

Strand: Measurement

Students will understand that we can use addition and subtraction to calculate the money that has to be paid and the amount of change that we will receive.

Block 16

Length: Meters and Centimeters

Strand: Measurement

Students will understand that meter (m) and centimeter (cm) are standard units of length which are related to each other as 1 m = 100 cm. They can be converted from one unit to another.

Block 23

Time on a Calendar

Strand: Measurement

Students will understand that we use a calendar to show days, weeks, and months, and a timeline to show events in a sequence like a number line.

Block 17

Converting Units of Weight

Strand: Measurement

Students will understand that grams and kilograms are related to each other as 1,000 g = 1 kg, and can be converted from one unit to the other.

Block 24

Time on a Clock

Strand: Number Parts

Students will understand that analogue and digital clocks are used to measure time in hours and minutes.

Block 18

Converting Units of Capacity

Strand: Measurement

Students will understand that milliliter and liter are related to each other as 1,000 ml = 1 L and can be converted from one unit to the other.

Block 25

Data Handling

Strand: Data Handling

Students will understand that data can be organised in the form of tables, pictographs, and bar graphs to draw conclusions.

Block 19

Introduction to Division

Strand: Operations

Students will understand that we can divide when we want to know how many groups we have and how many there are in each group.