IM Week	Lesson Summary	Curriculum Expectations
5A- W1	Students will work on place value up to 6 digits. They will read, write, and represent the place value of numbers. Students will work on comparing and ordering 6 digit whole numbers on a place value chart.	B1.1, B1.2
5A- W2	Students will work on understanding decimal place value. They will read, write, and represent the decimal place value of numbers. They will work on comparing and ordering decimal numbers.	B1.5, B1.6
5A- W3	Students will work on understanding the same denominator strategy for comparing fractions. They will model the same denominator strategy with fraction rectangles. Students will work on understanding the fraction and money equivalents. They will write the fractional amounts of money correctly. Students will understand benchmark fractions and model where the fractions go on a number line.	B1.4, B1.7, B1.3, B2.5
5A- W4	Students will work on data. They will play a scoot game to understand important data vocabulary. Students will work on understanding a relative frequency table. Students will work on developing a question of interest and answering questions about it. Students will model their data on a relative frequency table.	D1.1, D1.2
5A- W5	Students will work on measuring length and metric conversions	E2.1, E2.2
5B- W1	Students will add numbers up to 100,000 using the split strategy, adding on strategy, moving strategy and compensation strategy. Students will use the standard algorithm also to solve addition problems.	B2.4
5B- W2	Students will subtract numbers to 100,000. Students will use adding on, partial subtraction, compensation, and constant difference strategy, and standard algorithm.	B2.4
5B- W3	Students will use the properties of addition and subtraction to solve problems. Students will use a scale balance. Students will understand equalities and the role of variables in an equation. Students will work on solving word problems with cubes or chase.	B2.1, C2.1, C2.2, C2.3
5B- W4	Students will understand and identify place value in decimals, compare decimals, and add and subtract decimals up to the hundredths place. Students will use the split strategy, adding on strategy, and standard algorithm to solve addition with decimals. Students will use open number line for decimal numbers. Students will use strategies to subtract decimals.	B1.5, B2.4, B2.3
5B- W5	Students will manage a budget and estimate and calculate the cost of transactions. Students will understand the value of money, Students will talk about unit rates and identify what items are best to buy Students will design a t-shirt on a budget. They will sell their t-shirts to their classmates.	F1.5, F1.3, F1.2, F1.1
5C- W1	Students will work on using repeated addition and equal groups. Students will work on multiplication comparison problems by illustrating the problems and writing the number sentence, Students will use place value to understand and represent multiplication. They will also represent multiplication on a number line.	B2.6, B2.2, B2.9

IM Week	Lesson Summary	Curriculum Expectations
5C- W2	Students will practice matching multiplication problems with their product. Students will use building blocks to create arrays and to introduce multiplication with the box method. Students will practice solving multiplication problems with the box method.	B2.6, B2.2, B2.9
5C- W3	Students will use the partial product method for solving multiplication problems.	B2.6, B2.2, B2.9
5C- W4	Students will use the standard algorithm for solving multiplication problems.	B2.6
5C- W5	Students will understand how to identify the variable in a word problem. Students will create an algebraic expression from information in a word problem. Students will make a rule from a completed variable table. Students will create their own word problem with a variable and identify the variable and algebraic expression from their word problem.	C2.1, C2.2, C2.3
5D- W1	Students will work on identifying and creating equivalent fractions. Students will learn how to convert fractions to mixed numbers and mixed numbers to improper fractions. Students will order fractions on a number line.	B1.3
5D- W3	Students will work on dividing whole numbers by benchmark fractions. Students will work on solving addition and subtraction with fractions . Students will work on understanding the concept of division (separating into parts) Students will work on division arrays	B2.7, B2.8
5D- W4	students will use repeated subtraction division strategy to solve division problems. Students will also use box method for division, the Big 7, and the standard algorithm.	B2.7, B2.8
5D- W5	Students will use fractions to show probability. They will learn definitions about probability including certain, probable, neutral, improbable, and impossible. Students will work on showing probability on a probability line. Students will determine the probability of an event.	D2.1, D2.2
5E- W1	Students will work on understanding classifying quadrilaterals and the properties of quadrilaterals. Students will sort shapes based on properties. Students will create congruent triangles. Students will identify top, front, and side view of 3 dimensional shapes.	E1.1, E1.2, E1.3
5E- W2	Students will understand how to use known formulas to find the area of shapes. Students will learn how to find area of other quadrilaterals based off of known formulas. Students will understand the difference between capacity and area. Students will understand how to determine the correct unit of measurement for capacity. Students will understand how to find the area of 2d shapes and the capacity of 3d shapes.	E2.5, E2.6, E2.1
5E- W3	students will define an angle and identify the parts of an angle. Students will use a non standard unit to measure angles. Students will explain how to use a protractor to measure angles.	E2.3, E2.4

IM Week	Lesson Summary	Curriculum Expectations
5E- W4	Students will work on identifying points on a Cartesian plane. Students will work on identifying the scale used on a Cartesian plane. Students will play battleship and create battleship grids. Students will understand the definitions of the different transformations and how to model them. Students will also work on symmetrical lines.	E1.4, E1.5
5E- W5	Students will identify different types of patterns and describe the pattern rules.Students will model how to create patterns on a table and how to use a problem to complete a table of values.	C1.1, C1.2, C1.3, C1.4
5F- W1	Students will identify the different types of graph and the purpose of stacked bar graphs. Students will understand how to read and create a stacked bar graph. Students will understand the definitions of sampling and population. Students will understand the difference between the quantitative and qualitative data. Students will understand how to collect data from a given population.	D1.1, D1.2, D1.3, D1.4
5F- W2	Students will understand how to identify the best type of graph for a data set. Students will understand how to match data sets to the graph. Students will understand how to match data to quantitive or qualitative data sets. Students will understand the different types of data statistics including mean, median, and mode. Students will understand how to read and create an infographic.	D1.5, D1.6, C2.4, D1.4
5F- W3	Students will understand the definition of an equation. Students will solve equations. Students will understand how to find the unknown in an equation in a word problem. Students will model how to create a word problem with an unknown. Students will understand the d definition of inequalities. Students will understand the vocabulary in inequalities. Students will then understand how to graph inequalities.	C2.2, C2.1, C2.3, C2.4
5F- W4	Students will understand hte different ways to pay for things. Students will model this through different scenarios. The students will understand interest and explain the d different between interest and interest rates. Students will understand taxes. Students will understand why it's important to know the bank fees and interest rates before choosing a bank or loan. Students will help create their own version of life game and play the game understanding the literacy definitions they have learned.	C2.2, C2.1, C2.3, C2.4, F1.6, F1.4, F1.1
5F- W5	Coding	C3.1, C3.2

Ex Code	Expectation	IM Week
B1.1	Read, represent, compose, and decompose whole numbers up to and including 100 000, using appropriate tools and strategies, and describe various ways they are used in everyday life	5A-W1
B1.2	Compare and order whole numbers up to and including 100 000, in various contexts	5A-W1
B1.3	Represent equivalent fractions from halves to twelfths, including improper fractions and mixed numbers, using appropriate tools, in various contexts	5A-W3, 5D-W1
B1.4	Compare and order fractions from halves to twelfths, including improper fractions and mixed numbers, in various contexts	5A-W3
B1.5	Read, represent, compare, and order decimal numbers up to hundredths, in various contexts	5A-W2, 5B-W4
B1.6	Round decimal numbers to the nearest tenth, in various contexts	5A-W2
B1.7	Describe relationships and show equivalences among fractions, decimal numbers up to hundredths, and whole number percents, using appropriate tools and drawings, in various contexts Operations	5A-W3
B2.1	Use the properties of operations, and the relationships between operations, to solve problems involving whole numbers and decimal numbers, including those requiring more than one operation, and check calculations	5B-W3
B2.2	Recall and demonstrate multiplication facts from 0 × 0 to 12 × 12, and related division facts	5C-W1, 5C-W2, 5C-W3
B2.3	Use mental math strategies to multiply whole numbers by 0.1 and 0.01 and estimate sums and differences of decimal numbers up to hundredths, and explain the strategies used	5B-W4
B2.4	Represent and solve problems involving the addition and subtraction of whole numbers that add up to no more than 100 000, and of decimal numbers up to hundredths, using appropriate tools, strategies, and algorithms	5B-W1, 5B-W4, 5B-W2
B2.5	Add and subtract fractions with like denominators, in various contexts	5A-W3
B2.6	Represent and solve problems involving the multiplication of two-digit whole numbers by two-digit whole numbers using the area model and using algorithms, and make connections between the two methods	5C-W1, 5C-W2, 5C-W3, 5C-W4
B2.7	Represent and solve problems involving the division of three digit whole numbers by two-digit whole numbers using the area model and using algorithms, and make connections between the two methods, while expressing any remainder appropriately	5D-W4, 5D-W3
B2.8	Multiply and divide one-digit whole numbers by unit fractions, using appropriate tools and drawings	5D-W4, 5D-W3
B2.9	Represent and create equivalent ratios and rates, using a variety of tools and models, in various contexts	5C-W1, 5C-W2, 5C-W3
C1.1	Identify and describe repeating, growing, and shrinking patterns, including patterns found in real-life contexts	5E-W5
C1.2	Create and translate growing and shrinking patterns using various representations, including tables of values and graphs	5E-W5

Ex Code	Expectation	IM Week
C1.3	Determine pattern rules and use them to extend patterns, make and justify predictions, and identify missing elements in repeating, growing, and shrinking patterns	5E-W5
C1.4	Create and describe patterns to illustrate relationships among whole numbers and decimal tenths and hundredths	5E-W5
C2.1	Translate among words, algebraic expressions, and visual representations that describe equivalent relationships	5F-W4, 5B-W3, 5C-W5, 5F-W3
C2.2	Evaluate algebraic expressions that involve whole numbers	5F-W4, 5B-W3, 5C-W5, 5F-W3
C2.3	Solve equations that involve whole numbers up to 100 in various contexts, and verify solutions	5F-W4, 5B-W3, 5C-W5, 5F-W3
C2.4	Solve inequalities that involve one operation and whole numbers up to 50, and verify and graph the solutions	5F-W2, 5F-W4, 5F-W3
C3.1	Solve problems and create computational representations of mathematical situations by writing and executing code, including code that involves conditional statements and other control structures	5F-W5
C3.2	Read and alter existing code, including code that involves conditional statements and other control structures, and describe how changes to the code affect the outcomes	5F-W5
D1.1	explain the importance of various sampling techniques for collecting a sample of data that is representative of a population	5A-W4, 5F-W1
D1.2	Collect data, using appropriate sampling techniques as needed, to answer questions of interest about a population, and organize the data in relative-frequency tables □	5A-W4, 5F-W1
D1.3	Select from a variety of graphs, including stacked bar graphs, the type of graph best suited to represent various sets of data: Display the data in the graphs with proper sources, titles, and labels, and appropriate scales and justify their choice of graphs.	5F-W1
D1.4	Create an infographic about a data set, representing the data in appropriate ways, including in relative-frequency tables and stacked-bar graphs, and incorporating any other relevant information that helps to tell a story about the data □	5F-W1, 5F-W2
D1.5	Determine the mean and the median and identify the mode(s), if any, for various data sets involving whole numbers and decimal numbers, and explain what each of these measures indicates about the data □	5F-W2
D1.6	analyze different sets of data presented in various ways, including in stacked bar graphs and in misleading graphs by asking questions about the data, challenging preconceived notions and drawing conclusions then make convincing arguments and informed decisions.	5F-W2
D2.1	Use fractions to express the probability of events happening, represent this probability on a probability line, and use it to make predictions and informed decisions □	5D-W5
D2.2	Determine and compare the theoretical and experimental probabilities of an event happening	5D-W5

Ex Code	Expectation	IM Week
E1.1	Identify geometric properties of triangles, and construct different types of triangles when given side or angle measurements	5E-W1
E1.2	Identify and construct congruent triangles and rectangles and parallelograms	5E-W1
E1.3	Draw top, front, and side views of objects, and match drawings with objects	5E-W1
E1.4	Plot and read coordinates in the first quadrant of a Cartesian plane using various scales, and describe the translations that move a point from one coordinate to another □	5E-W4
E1.5	Describe and perform translations, reflections, and rotations up to 180° on a grid, and predict the results of these transformations	5E-W4
E2.1	Use appropriate metric units to estimate and measure length, area, mass, and capacity □	5A-W5, 5E-W2
E2.2	Solve problems that involve converting larger metric units into smaller ones, and describe the base ten relationships among metric units	5A-W5
E2.3	Compare angles and determine their relative size by matching them and by measuring them using appropriate non-standard units □	5E-W3
E2.4	Explain how protractors work, use them to measure and construct angles up to 180°, and use benchmark angles to estimate the size of other angles	5E-W3
E2.5	use the area relationships among rectangles, parallelograms, and triangles to develop the formulas for the area of a parallelogram and the area of a triangle and solve related problems.	5E-W2
E2.6	Show that two dimensional shapes with the same area can have different perimeters and solve related problems	5E-W2
F1.1	Describe several ways money can be transferred among individuals, organizations, and businesses	5B-W5, 5F-W4
F1.2	Estimate and calculate the cost of transactions involving multiple items priced in dollars and cents, including sales tax, using various strategies	5B-W5
F1.3	Design sample basic budgets to manage finances for various earning and spending scenarios	5B-W5
F1.4	Explain the concepts of credit and debt, and describe how financial decisions may be impacted by each	5F-W4
F1.5	Calculate unit rates for various goods and services, and identify which rates offer the best value	5B-W5
F1.6	Describe the types of taxes that are collected by the different levels of government in Canada, and explain how tax revenue is used to provide services in the community	5F-W4