Math CE2/3rd grade
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Instruction in French	Instruction in English
Math	
Nombres et calcul **Numbers and calculations**	**Number Sense and Operations**
	Theme: Number Sense, Money and Time
Valeur des chiffres dans des nombres inférieurs à 1000	Students are able to identify the place value for each digit in numbers to 1,000,000
Lire et écrire des nombres < 1000 **(same in US/FR)**	Students know how to write and say all nubers to 1,000,000 **(same in US/FR)**
Comparer, savoir ranger, encadrer ces nombres **(same in US/FR)**	Students are able to compare and order all numbers to 100 **(same in US/FR)**
Multiplier mentalement un nombre entier ou décimal par 10, 100, 1 000 **(same in US/FR)**	Students are able to mentally multiply a whole number by 10 **(same in US/FR)**
Estimer mentalement un ordre de grandeur du résultat **(same in US/FR)**	Students are able to mentally estimate results **(same in US/FR)**
Géométrie **Geometry**	Students know and are able to use the relationships and links between commonly used numbers, such as 5, 10, 25, 50, 100 (revisted throughout the year)
Tracer avec le compas (le cercle)	Students are able to calculate time in hours, minutes, and seconds
Carrés et rectangles	
Grandeurs et mesure **Sizes and measurement**	
Comparer et mesurer des longueurs, des lignes brisées.	
Lire l'heure : heure, demi-heure et quart d'heure.	
Nombres et calcul	**Theme: Operations**
Soustraction : calcul posé	Students are able to carry out multiplication operations with three digit multipliers and multiplicands
Compléments à 100	Students are able to carry out addition and subtraction problems with four digit numbers and above
Comparaison de nombres < 1000	Students are able to recognize dollars and coins
Multiplications par 2, 5 et 10 ; table de Pythagore.	Students are able to round amounts of money to the nearest dollar and ten dollars
	Students compare and order amounts of money to the hundredths place

	Students are able to make change with money to the hundredths place
Géométrie **Geometry**	
Reproduire des polygones sur un quadrillage.	
Les angles droits : reconnaitre puis tracer	
Carré - Rectangle - triangle rectangle	
Grandeurs et mesure **Sizes and measurement**	
Dates et durées : utiliser un calendrier, durées en jours, semaines et mois.	
Longueurs en centimètres et millimètres (lignes brisées et polygones).	
Nombres et calcul **Numbers and calculations**	**Operations**
Le nombre mille ; dictée de nombres < 1 000 000	**Theme: Multiplication and Division**
Tables de multiplication par 4, 8 et 9 ; multiplication par 10, 20, 100… ; calcul réfléchi	Students know the proper techniques for division operations, and be able to calculate division problems with single-digit divisors and multi-digit dividends
Addition et soustraction : calcul posé	Students are able to calculate answers to problems correctly, whether using mental math or paper and pencil
Doubles et moitiés	Students are able to use the inverse relationship of multiplication and division to compute and check results
Géométrie **Geometry**	Students are able to understand the special properties of 0 and 1 in multiplication and division
Polyèdres	Students are able to solve word problems using addition, subtraction, multiplication and division operations
Droites perpendiculaires ; droites verticales et horizontales	
Angle droit et pliage ; reconnaitre un carré, un rectangle, un losange	
Grandeurs et mesure **Sizes and measurement**	
Périmètre de polygones	
Lecture de l'heure : heures et minutes, la trotteuse, les horaires de l'après-midi, durées en heures et minutes.	
Organisation et gestion de données **Organization and management of data**	

Résoudre des problèmes engageant une démarche à une ou plusieurs étapes **(period 2 US)**	
Interpréter un tableau ou un graphique **(period 5 US)**	
Nombres et calcul **Numbers and calculations**	**Fractions, Algebra, Graphs and Data Analysis**
Multiplication : vers le calcul posé	**Theme: Fractions**
Tables de multiplication par 3, 6 et 9	Students are able to compare fractions represented by drawings or concrete materials to show equivalency to add and subtract simple fractions in context (e.g., 1/2 of a pizza is the same amount as 2/4 of another pizza that is the same size; show that 3/8 is larger than 1/4)
Écritures des nombres < 1 000 000 en lettres	1a - To be able to add and subtract simple fractions in this context (e.g., 1/2 of a pizza is the same amount as 2/4 of another pizza that is the same size; show that 3/8 is larger than 1/4)
Doubles et moitiés de grands nombres	Students are able to add and subtract simple fractions (e.g., determine that 1/8 + 3/8 is the same as 1/2)
Division : quotient exact, quotient et reste	Students are able to solve problems involving addition, subtraction, multiplication, and division of money amounts in decimal notation and multiply and divide money amounts in decimal notation by using whole-number multipliers and divisors
Calculer en ligne ou en colonnes (addition, soustraction, multiplication)	Students know and understand that fractions and decimals are two different representations of the same concept (e.g., 50 cents is 1/2 of a dollar, 75 cents is 3/4 of a dollar)
Ajout, retrait de 19 ou 21	**Theme: Algebra**
Grandeurs et mesure **Sizes and measurement**	
Contenances (litres et centilitres)	
Masses : comparer, mesurer et calculer	
Géométrie **Geometry**	Students are able to select appropriate operational and relational symbols to make an expression true (e.g., if 4 __ 3 = 12, what operational symbol goes in the blank?)
Reproduire des losanges et des polyèdres ; trouver des figures superposables	Students are able to recognize and use the commutative and associative properties of multiplication (e.g., if 5 x 7 = 35, then what is 7 x 5? and if 5 x 7 x 3 = 105, then what is 7 x 3 x 5?)
Nombres et calcul **Numbers and calculations**	**Theme: Statistics and Data Analysis**
Calculs avec des diviseurs de 100	Students are able to organize information from a word problem in order to solve it

La division : le calcul posé	Students are able to use a chart or graph in order to gather information to solve a problem
Doubles, moitiés, triple, quart	Students are able to identify whether common events are certain, likely, unlikely, or improbable
Géométrie **Geometry**	Students are able to summarize and display the results of probability experiments in a clear and organized way (e.g., use a bar graph or a line plot)
Symétrie axiale, axe(s) de symétrie d'une figure	Students are able to recognize and interpret numeric and symbolic patterns
Lecture d'un plan	Students are able to find the missing number, symbol or shape in a pattern or chart
Reproduire une figure complexe	Students are able to continue the pattern or chart using the correct number(s), symbol(s), or shape(s)
Grandeurs et mesure **Sizes and measurement**	
Longueurs en kilomètres et en mètres	
Durées en jours et en heures	