Level	Game Activity	GRADE	Standard	Description
1	Problem 1	3	CCSS.Math.Content.3.NF.A.1	Understand a fraction 1/b as the quantity formed by 1 part when a whole is partitioned into b equal parts
1	1 in-game quiz	3	CCSS.Math.Content.3.NF.A.1	Understand a fraction 1/b as the quantity formed by 1 part when a whole is partitioned into b equal parts
1	4 educational resources	3	CCSS.Math.Content.3.NF.A.1	Understand a fraction 1/b as the quantity formed by 1 part when a whole is partitioned into b equal parts
1	Problem 1a	3	CCSS.Math.Content.3.NF.A.2.a	Represent a fraction 1/b on a number line diagram by defining the interval from 0 to 1 as the whole and partitioning it into b equal parts.
1	1 video	3	CCSS.Math.Content.3.NF.A.2.a	Represent a fraction 1/b on a number line diagram by defining the interval from 0 to 1 as the whole and partitioning it into b equal parts.
1	Problem 2	3	CCSS.Math.Content.3.NF.A.1	understand a fraction a/b as the quantity formed by a parts of size 1/b.
1	Problem 2a	3	CCSS.Math.Content.3.NF.A.1	understand a fraction a/b as the quantity formed by a parts of size 1/b.
1	7 educational resources	3	CCSS.Math.Content.3.NF.A.1	understand a fraction a/b as the quantity formed by a parts of size 1/b.
1	3 in-game quizzes	3	CCSS.Math.Content.3.NF.A.1	understand a fraction a/b as the quantity formed by a parts of size 1/b.
2	Problem 3	3	CCSS.Math.Content.3.NF.A.1	understand a fraction a/b as the quantity formed by a parts of size 1/b.
2	Problem 4	4	CCSS.Math.Content.4.NF.A.2	Compare two fractions with different numerators and different denominators,
2	3 educational resources	4	CCSS.Math.Content.4.NF.A.2	Compare two fractions with different numerators and different denominators,
2	1 in-game quiz	4	CCSS.Math.Content.4.NF.A.2	Compare two fractions with different numerators and different denominators,
2	Problem4a	3	CCSS.Math.Content.3.NF.A.2.a	Represent a fraction 1/b on a number line diagram by defining the interval from 0 to 1 as the whole and partitioning it into b equal parts
2	4 educational resources	3	CCSS.Math.Content.3.NF.A.2.a	Represent a fraction 1/b on a number line diagram by defining the interval from 0 to 1 as the whole and partitioning it into b equal parts
2	1 in-game quiz	3	CCSS.Math.Content.3.NF.A.2.a	Represent a fraction 1/b on a number line diagram by defining the interval from 0 to 1 as the whole and partitioning it into b equal parts
3	Problem 4b	4	CCSS.Math.Content.4.NF.B.3.d	Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators
3	3 educational resources	4	CCSS.Math.Content.4.NF.B.3.d	Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators
3	1 in-game quiz	4	CCSS.Math.Content.4.NF.B.3.d	Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators
3	Problem 5	4	CCSS.Math.Content.4.NF.A.2	Compare two fractions with different numerators and different denominators,
3	5 educational resources	4	CCSS.Math.Content.4.NF.A.2	Compare two fractions with different numerators and different denominators,
3	2 in-game quizzess	4	CCSS.Math.Content.4.NF.A.2	Compare two fractions with different numerators and different denominators,
3	Problem 6	4	CCSS.Math.Content.4.NF.A.2	Compare two fractions with different numerators and different denominators,
3	Problem 6a	5	CCSS.Math.Content.5.NF.B.4	Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction.
3	1 educational resource	5	CCSS.Math.Content.5.NF.B.4	Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction.
3	1 in-game quiz	5	CCSS.Math.Content.5.NF.B.4	Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction.
3	1 educational resource	3	CCSS.Math.Content.3.NF.A.3.c	Express whole numbers as fractions, and recognize fractions that are equivalent to whole numbers.
4	Problem 7	3	CCSS.Math.Content.3.NF.A.3.c	Express whole numbers as fractions, and recognize fractions that are equivalent to whole numbers.
4	4 educational resources	3	CCSS.Math.Content.3.NF.A.3.c	Express whole numbers as fractions, and recognize fractions that are equivalent to whole numbers.
4	1 in-game quiz	3	CCSS.Math.Content.3.NF.A.3.c	Express whole numbers as fractions, and recognize fractions that are equivalent to whole numbers.
4	Problem 8	4	CCSS.Math.Content.4.NF.B.3.c	Add and subtract mixed numbers with like denominators
4	3 ieducational resources	4	CCSS.Math.Content.4.NF.B.3.c	Add and subtract mixed numbers with like denominators
4	1 in-game quiz	4	CCSS.Math.Content.4.NF.B.3.c	Add and subtract mixed numbers with like denominators
4	1 educational resource	4	CCSS.Math.Content.4.NF.B.3.d	Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators
4	Problem 9	4	CCSS.Math.Content.4.NF.A.2	Recognize that comparisons are valid only when the two fractions refer to the same whole.
4	2 educational resources	4	CCSS.Math.Content.4.NF.A.2	Recognize that comparisons are valid only when the two fractions refer to the same whole.
4	1 in-game quiz	4	CCSS.Math.Content.4.NF.A.2	Recognize that comparisons are valid only when the two fractions refer to the same whole.
5	Problem 10	4	CCSS.Math.Content.4.NF.B.3.d	Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators

	Resource	Grade	Standard	Description
5	2 educational resources	4	CCSS.Math.Content.4.NF.B.3.d	Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators
5	1 in-game quiz	4	CCSS.Math.Content.4.NF.B.3.d	Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators
5	Problem 11	5	CCSS.Math.Content.5.NF.B.4	Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction.
5	3 educational resources	5	CCSS.Math.Content.5.NF.B.4	Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction.
5	1 in-game quiz	5	CCSS.Math.Content.5.NF.B.4	Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction.
5	Problem 12	3	CCSS.Math.Content.3.NF.A.3.b	Recognize and generate simple equivalent fractions
5	3 educational resources	3	CCSS.Math.Content.3.NF.A.3.b	Recognize and generate simple equivalent fractions
5	1 in-game quiz	3	CCSS.Math.Content.3.NF.A.3.b	Recognize and generate simple equivalent fractions
6	Problem 13	4	CCSS.Math.Content.4.NF.B.3.d	Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators
6	3 educational resources	4	CCSS.Math.Content.4.NF.B.3.d	Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators
6	1 in-game quiz	4	CCSS.Math.Content.4.NF.B.3.d	Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators
6	Problem 14	5	CCSS.Math.Content.5.NF.A.2	Solve word problems involving addition and subtraction of fractions referring to the same whole, by using visual fraction models
6	1 in-game quiz	5	CCSS.Math.Content.5.NF.A.2	Solve word problems involving addition and subtraction of fractions referring to the same whole, by using visual fraction models
6	1 educational resource	5	CCSS.Math.Content.5.NF.A.2	Solve word problems involving addition and subtraction of fractions referring to the same whole, by using visual fraction models
Box 1	2 educational resources	4	CCSS.MATH.CONTENT.4.NF.B.3	Understand a fraction a/b with $a > 1$ as a sum of fractions $1/b$.
Box 2	1 educational resource	4	CCSS.MATH.CONTENT.4.NBT.B.6	Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors
Box 2	1 educational resource	4	CCSS.Math.Content.4.NF.A.2	Compare two fractions with different numerators and different denominators
Box 2	1 educational resource	5	CCSS.Math.Content.5.NF.A.1	Add and subtract fractions with unlike denominators
Box 3	1 video	5	CCSS.Math.Content.5.NF.B.4	Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction.
Box 3	4 videos	4	CCSS.Math.Content.4.NF.B.3.d	Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators
Box 3	1 video	5	CCSS.Math.Content.5.NF.A.1	Add and subtract fractions with unlike denominators (including mixed numbers)
Box 3	1 video	5	CCSS.Math.Content.5.NF.B.3	Interpret a fraction as division of the numerator by the denominator ($a/b = a \div b$)
Box 3	1 video	3	CCSS.Math.Content.3.NF.A.3.a	Understand two fractions as equivalent (equal) if they are the same size
Box 3	1 video	3	CCSS.Math.Content.3.NF.A.3.c	Express whole numbers as fractions, and recognize fractions that are equivalent to whole numbers.
Box 3	1 video	4	CCSS.Math.Content.4.NF.A.1	Explain why a fraction a/b is equivalent to a fraction $(n \times a)/(n \times b)$ by using visual fraction models
Box 3	1 video	3	CCSS.Math.Content.3.NF.A.2.b	Represent a fraction a/b on a number line diagram by marking off a lengths $1/b$ from 0.
Box 3	4 videos	MP	CCSS.Math.Practice.MP1	Make sense of problems and persevere in solving them.
Box 4	4 activities	3	CCSS.Math.Content.3.NF.A.1	Understand a fraction $1/b$ as the quantity formed by 1 part when a whole is partitioned into b equal parts; understand a fraction a/b as the quantity formed by a parts of size $1/b$.
Box 4	1 educational resource	MP	CCSS.Math.Practice.MP1	Make sense of problems and persevere in solving them.
Box 4	1 activity	3	CCSS.Math.Content.3.NF.A.2	Understand a fraction as a number on the number line; represent fractions on a number line diagram.
Box 4	1 educational resource	6	CCSS.Math.Content.6.NS.B.4	Find the greatest common factor of two whole numbers less than or equal to 100 and the least common multiple of two whole numbers less than or equal to 12.
Box 4	1 educational resource	3	CCSS.Math.Content.4.NF.B.3.c	Add and subtract mixed numbers with like denominators, e.g., by replacing each mixed number with an equivalent fraction

educational resource = web pages, video or activity

activity = simulation or mini-game, e.g., matching equation with answer to win a prize