

| Unit / Lesson / ExplorAction | Grade 3 Lesson Objective | TEKS | Manipulative(s) | Description |
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| Unit 1: Understand Fractions | | | | |
| Lesson 1 | Identify a unit fraction as part of a whole. | 3.3C | Geoboard | Explain that the unit fraction $1/b$ represents the quantity formed by one part of a whole that has been partitioned into b equal parts where b is a non-zero whole number. |
| Fractions ExplorAction 1 | Investigate unit fractions. | 3.3C | Cuisenaire Rods | Explain that the unit fraction $1/b$ represents the quantity formed by one part of a whole that has been partitioned into b equal parts where b is a non-zero whole number. |
| Lesson 2 | Identify a proper fraction as some number of parts of a whole. | 3.3C | Fraction Circles | Explain that the unit fraction $1/b$ represents the quantity formed by one part of a whole that has been partitioned into b equal parts where b is a non-zero whole number. |
| Lesson 2 | Identify a proper fraction as some number of parts of a whole. | 3.3D | Fraction Circles | Compose and decompose a fraction a/b with a numerator greater than zero and less than or equal to b as a sum of parts $1/b$. |
| Lesson 3 | Given a fractional part, build the whole. | 3.3C | Geoboard | Explain that the unit fraction $1/b$ represents the quantity formed by one part of a whole that has been partitioned into b equal parts where b is a non-zero whole number. |
| Lesson 3 | Given a fractional part, build the whole. | 3.3D | Geoboard | Compose and decompose a fraction a/b with a numerator greater than zero and less than or equal to b as a sum of parts $1/b$. |
| Lesson 4 | Identify a unit fraction on a number line. | 3.3A | Fraction Towers Fraction Number Line (blank line) | Represent fractions greater than zero and less than or equal to one with denominators of 2, 3, 4, 6, and 8 using concrete objects and pictorial models, including strip diagrams and number lines. |
| Lesson 4 | Identify a unit fraction on a number line. | 3.3B | Fraction Towers Fraction Number Line (blank line) | Determine the corresponding fraction greater than zero and less than or equal to one with denominators of 2, 3, 4, 6, and 8 given a specified point on a number line. |
| Lesson 4 | Identify a unit fraction on a number line. | 3.7A | Fraction Towers Fraction Number Line (blank line) | Represent fractions of halves, fourths, and eighths as distances from zero on a number line. |
| Lesson 5 | Identify a proper fraction on a number line. | 3.3A | Fraction Towers Fraction Number Line (blank line) | Represent fractions greater than zero and less than or equal to one with denominators of 2, 3, 4, 6, and 8 using concrete objects and pictorial models, including strip diagrams and number lines. |
| Lesson 5 | Identify a proper fraction on a number line. | 3.3B | Fraction Towers Fraction Number Line (blank line) | Determine the corresponding fraction greater than zero and less than or equal to one with denominators of 2, 3, 4, 6, and 8 given a specified point on a number line. |
| Lesson 5 | Identify a proper fraction on a number line. | 3.7A | Fraction Towers Fraction Number Line (blank line) | Represent fractions of halves, fourths, and eighths as distances from zero on a number line. |
| Lesson 6 | Measure lengths involving whole, half, and quarter inches. | 3.7A | Beginner Ruler | Represent fractions of halves, fourths, and eighths as distances from zero on a number line. |
| Fractions ExplorAction 2 | Investigate intervals on a number line. | 3.3A | Cuisenaire Rods Fraction Number Line (blank line) Beginner Ruler | Represent fractions greater than zero and less than or equal to one with denominators of 2, 3, 4, 6, and 8 using concrete objects and pictorial models, including strip diagrams and number lines. |
| Fractions ExplorAction 2 | Investigate intervals on a number line. | 3.3B | Cuisenaire Rods Fraction Number Line (blank line) Beginner Ruler | Determine the corresponding fraction greater than zero and less than or equal to one with denominators of 2, 3, 4, 6, and 8 given a specified point on a number line. |
| Fractions ExplorAction 2 | Investigate intervals on a number line. | 3.7A | Cuisenaire Rods Fraction Number Line (blank line) Beginner Ruler | Represent fractions of halves, fourths, and eighths as distances from zero on a number line. |
| Fractions ExplorAction 3 | Solve problems requiring partitioning a set of objects. | 3.3E | Counters (such as Color Tiles or Centimeter Cubes) | Solve problems involving partitioning an object or a set of objects among two or more recipients using pictorial representations of fractions with denominators of 2, 3, 4, 6, and 8. |
| Unit 2: Equivalent Fractions | | | | |
| Lesson 1 | Identify equivalent fractions by recognizing they are the same size. | 3.3G | Fraction Circles | Explain that two fractions are equivalent if and only if they are both represented by the same point on the number line or represent the same portion of a same size whole for an area model. |
| Lesson 2 | Identify equivalent fractions by their location on a number line. | 3.3F | Fraction Towers Fraction Number Line (blank line and double line) | Represent equivalent fractions with denominators of 2, 3, 4, 6, and 8 using a variety of objects and pictorial models, including number lines. |

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| Lesson 3 | Find equivalent fractions in simplest form. | 3.3F | Fraction Circles | Represent equivalent fractions with denominators of 2, 3, 4, 6, and 8 using a variety of objects and pictorial models, including number lines. |
| Fractions ExplorAction 1 | Investigate equivalent fractions. | 3.3F | Cuisenaire Rods Fraction Number Line (blank line) | Represent equivalent fractions with denominators of 2, 3, 4, 6, and 8 using a variety of objects and pictorial models, including number lines. |
| Fractions ExplorAction 1 | Investigate equivalent fractions. | 3.3G | Cuisenaire Rods Fraction Number Line (blank line) | Explain that two fractions are equivalent if and only if they are both represented by the same point on the number line or represent the same portion of a same size whole for an area model. |
| Fractions ExplorAction 2 | Express whole numbers as fractions. | 3.3A | Cuisenaire Rods Fraction Number Line (blank line) | Represent fractions greater than zero and less than or equal to one with denominators of 2, 3, 4, 6, and 8 using concrete objects and pictorial models, including strip diagrams and number lines. |
| Unit 3: Compare and Order Fractions | | | | |
| Lesson 1 | Compare fractions with a common denominator. | 3.3H | Fraction Circles | Compare two fractions having the same numerator or denominator in problems by reasoning about their sizes and justifying the conclusion using symbols, words, objects, and pictorial models. |
| Lesson 2 | Compare fractions with a common numerator. | 3.3H | Fraction Circles | Compare two fractions having the same numerator or denominator in problems by reasoning about their sizes and justifying the conclusion using symbols, words, objects, and pictorial models. |
| Lesson 3 | Compare fractions to one-half. | 3.3H | Fraction Circles | Compare two fractions having the same numerator or denominator in problems by reasoning about their sizes and justifying the conclusion using symbols, words, objects, and pictorial models. |
| Fractions ExplorAction 1 | Compare fractions. | 3.3H | Cuisenaire Rods Fraction Number Line (blank line) | Compare two fractions having the same numerator or denominator in problems by reasoning about their sizes and justifying the conclusion using symbols, words, objects, and pictorial models. |