

Add in talking about size of the parts in this unit, very basic conversations about comparisons & incorporate more opportunities to write in math (definitions of numerator and denominator?) - Discussed at end of unit 6 Data Team Meeting 3/23/23

Unit 4: Fractions
4 weeks

Big Idea: In this unit we will be exploring fractions and what they represent.

Day	Date	Standards	Critical Lesson Objective(s)/Topics/Big Ideas/Success Criteria	Materials/Resources Unit Template Fraction website	Person Responsible	Reflection
1	Nov 21, 2022 Monday	3. NF.1	<p>Success Criteria:</p> <ul style="list-style-type: none"> I can explain the meaning of numerator and denominator I can explain that fractions have equal parts I can match a fraction to a picture I can shade a shape to match a given fraction I can understand that each fractional unit is the sum of its parts. 	<p><u>Area model:</u> Denominator represents: Total number of equal parts/pieces in one whole Numerator represents: The number of parts you're looking for</p> <p><u>Number line</u> Denominator represents: The total number of equal parts/spaces in one whole (distance) Numerator represents: The total number of equal spaces from zero (even if number line doesn't show 0)</p> <p>Cuisenaire lesson slides</p> <p>Slides with Number Talk</p> <p>Intervention - Equal Parts Resource</p>	<p>Rachel Add number talk slides 2 and 3 to the cuisenaire rod lesson.</p> <p>Here are the Slides</p>	<p>Look at number 2 of quiz 1 - for next year we have to give more examples of shaded vs not shaded in sentence form</p>
2	Nov 28, 2022	3. NF.1	<p>Success Criteria:</p>	<ul style="list-style-type: none"> Continue with cuisenaire rod 	Rachel -	

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			<ul style="list-style-type: none"> • I can explain the meaning of numerator and denominator • I can explain that fractions have equal parts • I can partition a shape into equal parts • I can label each unit fraction 	<p>activity for $\frac{1}{2}$ of the class and review</p> <ul style="list-style-type: none"> • Introduce/review vocabulary: numerator, denominator, unit fraction, equal parts. • Move to fraction towers/strips to model fractions less than 1. (Students should have the whole always out so they can compare that it is less than one.) <p>Slides</p>	<p>need slides to introduce vocabulary. Use definitions from above.</p>	
3	Nov 29, 2022	3. NF.1	<p>Success Criteria:</p> <ul style="list-style-type: none"> • I can explain the meaning of numerator and denominator • I can explain that fractions have equal parts • I can label each unit fraction • I can match a fraction to a picture 	<p>Start with asking students to model $\frac{3}{4}$. Then follow up once that is modeled to have students model $\frac{5}{4}$. They will have to work in pairs.</p> <p>Students will continue to model fractions greater than 1 using fraction towers.</p> <p>Identify and represent shaded and non-shaded parts of one whole as fractions ENGAGE</p>	Feda	<p>Additional Resource - Entrance Ticket (KP 11/22)</p>

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4	Nov 30, 2022	3. NF.1	<p>Success Criteria:</p> <ul style="list-style-type: none"> • I can explain the meaning of numerator and denominator • I can explain that fractions have equal parts • I can label each unit fraction • I can match a fraction to a picture 	<p>Review including fractions greater than one</p> <p>Whole Group Slides Homework</p>		
5	Dec 1, 2022	3. NF.1 3.G.2	<p>Success Criteria</p> <ul style="list-style-type: none"> • I can explain the meaning of numerator and denominator • I can explain that fractions have equal parts • I can label each unit fraction • I can match a fraction to a picture 	<p>Go over homework & review</p> <p>Unit 4 Quiz 1 Review</p> <p>Unit 4 Quiz 1 Rubric</p>	Robin	
6	Dec 2, 2022	3.G.2	<p>Success Criteria</p> <ul style="list-style-type: none"> • I can partition a shape into equal parts • I can label each unit fraction 	<p>Lesson: Provide students with 5 sheets of paper shapes and direct them to fold them to model halves, fourth, eights and then do thirds, sixths. Have students draw the line in. Make sure to use the term partition.</p>		
7	Dec 5, 2022	3.G.2	<p>Success Criteria</p> <ul style="list-style-type: none"> • I can partition a shape into equal parts • I can label each unit fraction 	<p>Use plastic sleeves to partition circle, rectangle, etc. Shapes</p> <p>Finish with students completing this document</p>		

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				<p>Not sure where you want this added. Use or toss. RJ</p> <p>Blank Rectangles to Partition Shapes for dry erase sleeve</p>		
8	Dec 6, 2022	3.G.2	<p>Success Criteria</p> <ul style="list-style-type: none"> • I can partition a shape into equal parts • I can label each unit fraction 	<p>Same as December 6th; however, we are going to focus on fractions greater than 1.</p> <p>Use 1 of the following templates for this day.</p> <ul style="list-style-type: none"> ■ Copy of Fraction strip Templa... ■ Copy of Fraction Tower .pdf <p>Students should be able to name a fraction using a mixed number and improper fraction.</p> <p>Slides Homework</p>		
9	Dec 7, 2021 Team Day	3.G.2	<p>Success Criteria</p> <ul style="list-style-type: none"> • I can partition a shape into equal parts • I can label each unit fraction • I can partition a number line into equal parts • I can label equal parts on a number line • I can explain that zero to one is one whole on a number line 	<p>Unit 4 Quiz 2</p> <p>Rubric</p>		
10	December 8			<p>iReady testing</p> <p>This is a space holder for when you give the assessment</p>		
11	Dec 9, 2022	3.NF.2	<p>Success Criteria</p>		½ Day AM	

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			<ul style="list-style-type: none"> I can partition a number line into equal parts I can label equal parts on a number line I can explain that zero to one is one whole on a number line 	Generation Genius Fractions on a Numberline Video Number Line Activity Number Line Activity 2	sub out day.	
12	Dec 12, 2022	3.NF.2	Success Criteria <ul style="list-style-type: none"> I can partition a number line into equal parts I can label equal parts on a number line I can explain that zero to one is one whole on a number line 	Continue lesson from December 9th. Students will partition a number line using fraction tiles and towers then have students identify a point. 3.NF.2		
13	Dec 13, 2022	3.NF.2	Success Criteria <ul style="list-style-type: none"> I can partition a number line into equal parts I can label equal parts on a number line I can explain that zero to one is one whole on a number line I can explain the meaning of numerator and denominator 	Give students closed number lines and fraction tiles or towers labeled with a 0 and 1. Partition into halves, thirds, fourths, sixths, or eighths and locate a fraction on the number line. Fraction Tiles number line Fraction Tower number line 3NF2 Partition & Place		Don't forget that we also have to squeeze in the Fact Fluency tests.
14	Dec 14, 2022	3.NF.1 3.G.2 3.NF.2	Success Criteria <ul style="list-style-type: none"> I can partition a number line into equal parts I can label equal parts on a 	Partition number line from 0 - 5 and locate a point (keeping to halves/fourths and thirds) Fraction Tower Number Line up to 2 wholes		Check Homework #1 had 4 correct answers -KP

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			<p>number line</p> <ul style="list-style-type: none"> • I can explain that zero to one is one whole on a number line • I can explain the meaning of numerator and denominator • I can explain that fractions have equal parts • I can match a fraction to a picture • I can shade a shape to match a given fraction • I can understand that each fractional unit is the sum of its parts. • I can label each unit fraction • I can match a fraction to a picture • I can partition a shape into equal parts 	<p>Partition Practice WS (0-3) Partition Practice WS (0-5)</p>		
15	Dec 15, 2022	3.NF.1 3.G.2 3.NF.2	Success Criteria	Practice identifying the fractions from a number line already partitioned.		
16	Dec 16, 2022	3.NF.1 3.G.2 3.NF.2	Success Criteria	<p>Unit 4 Review</p> <p>Review Slides Homework</p>		
17	Dec 19, 2022		Success Criteria	<p>Unit 4 Review</p> <p>Review Slides Homework</p>		
18	Dec 20, 2022			Unit 4 Assessment Rubric		Printed #3,4 & 6 for students to complete on paper in addition

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						to showing work on edulastic (drawing questions) -KP
19	December 21, 2022			Administer the unit 2 recheck on 3.NBT.2 and 3.MD.1		

<https://hcpss.instructure.com/courses/97/pages/3-dot-nf-dot-2-about-the-math-learning-targets-and-rigor>

Feda Fraction Activity

[Identify Partitioned Shapes](#)

, [Partitioning Shapes](#)

, [Naming Fraction](#)