

# Fourth Grade Cluster 5

## Additional Resources



### Videos to share with parents and colleagues:

- Explains how to recognize equivalent fractions using a number line: [https://learnzillion.com/lesson\\_plans/4739-recognize-equivalent-fractions-using-number-lines/](https://learnzillion.com/lesson_plans/4739-recognize-equivalent-fractions-using-number-lines/)
- Equivalent fractions using area model: [https://learnzillion.com/lesson\\_plans/9049-recognize-equivalent-fractions-using-area-models/](https://learnzillion.com/lesson_plans/9049-recognize-equivalent-fractions-using-area-models/)
- Comparing fractions using benchmark fraction: <https://www.youtube.com/watch?v=4KGBH0rQA8>
- A tutorial on finding equivalent fractions by using a number line: <https://www.youtube.com/watch?v=vuyXzhkjs-4>

### Videos to share with students:

- Animated introduction to fractions: <http://studyjams.scholastic.com/studyjams/jams/math/fractions/fractions.htm>
- Intro to fractions song by NUMBERROCK: <https://www.youtube.com/watch?v=Itce7f6KGE0>
- Fractions using LEGOS: <https://www.youtube.com/watch?v=ILWJdSsT32c>
- Animated video about equivalent fractions: <http://studyjams.scholastic.com/studyjams/jams/math/fractions/equiv-fractions.htm>
- Equivalent fractions song by NUMBERROCK: [https://www.youtube.com/watch?v=vKXqzpz-G0s&disable\\_polymer=true](https://www.youtube.com/watch?v=vKXqzpz-G0s&disable_polymer=true)

### Literature connections:

- *Fractions in Disguise* by Edward Einhorn – Hear the book read aloud here: [https://www.youtube.com/watch?v=Iu-uj6jv3\\_o&t=27s](https://www.youtube.com/watch?v=Iu-uj6jv3_o&t=27s)
- *Fraction Fun* by David Adler
- *The Warlord's Puzzle* by Virginia Pilegard – A kingdom must put together a puzzle and decide the value of each piece.
- *The Lion's Share* by Matthew McElligott – Great for comparing fractions and even teaches fairness.
- *Gator Pie* by Louise Matthew – Equivalent fractions and partitioning
- *Sir Cumference and the Fraction Faire* by Cindy Neuschwander – Discover fraction equivalence. Hear the book read aloud here: <https://www.youtube.com/watch?v=cgznrkNmMlg>

## Manipulative options:

- Fraction bars: [https://www.mathplayground.com/Fraction\\_bars.html](https://www.mathplayground.com/Fraction_bars.html)
- Fraction towers
- Fraction tiles
- Fraction scales: [https://www.mathplayground.com/Scale\\_Fractions.html](https://www.mathplayground.com/Scale_Fractions.html)
- Fraction circles
- Graph paper
- Multiplication chart (shows equivalence)
- Number lines
- Calculator – finding equivalent fractions

## Online games for kids:

- Equivalent fraction bingo: [http://www.abcya.com/equivalent\\_fractions\\_bingo.htm](http://www.abcya.com/equivalent_fractions_bingo.htm)
- Equivalent fraction triplets: (fractions are in number and picture form)  
<https://www.mathplayground.com/Triplets/index.html>
- Fishy Fractions – help the pelican find the correct equivalent fraction:  
<http://streaming.discoveryeducation.com/braingames/iknowthat/Fractions/FractionGame.cfm?Topic=equivalentfractions>
- Fraction Monkeys – showing equivalence on a number line game:  
<http://www.fractionmonkeys.co.uk/activity/>
- Find Grampy – equivalence on a number line: <https://www.visualfractions.com/FindGrampy/>
- Equivalent Fractions – Students will use this game to master equivalent fractions:  
<https://www.splashmath.com/equivalent-fractions-games-for-4th-graders> (Will need to join Splash Math for free.)
- Matching Equivalent Fractions – In this 3-level game, students find the matching equivalent fractions:  
[http://www.sheppardsoftware.com/mathgames/fractions/memory\\_equivalent1.htm](http://www.sheppardsoftware.com/mathgames/fractions/memory_equivalent1.htm)
- Equivalent Fractions with Models and Equivalent Fractions without Models:  
<https://www.splashmath.com/equivalent-fractions-games>
- Tug Team Fractions – Comparing fractions: [https://www.mathplayground.com/ASB\\_TugTeamFractions.html](https://www.mathplayground.com/ASB_TugTeamFractions.html)
- Comparison Shoot-out: <https://www.fuelthebrain.com/games/comparison-shootout/>

## Additional Resources:

- Fraction bar printable - [https://lrt.ednet.ns.ca/PD/BLM/pdf\\_files/fraction\\_strips/fs\\_to\\_twelfths\\_labelled.pdf](https://lrt.ednet.ns.ca/PD/BLM/pdf_files/fraction_strips/fs_to_twelfths_labelled.pdf)
- Comparing using benchmark fractions game (easy prep) - <https://www.illustrativemathematics.org/content-standards/tasks/2109>
- Comparing fractions (number and picture models/easy prep) - <https://www.illustrativemathematics.org/content-standards/tasks/2108>