



Afterschool Adventure!

Powered by a Ready To Learn Grant

Appetite for Fractions



Dear Parent or Caregiver

Welcome to **PBS KIDS Afterschool Adventure!** This week your child will investigate fractions as we create and share some real and virtual snacks in the **Appetite for Fractions Adventure**. First, children will practice using fractions as a way to represent equal shares of whole items like pizza as well as use fractions to represent and divide up multiple items, like apple slices and sandwiches. At the end of the week, children will work with fractional measurements like $\frac{1}{4}$ of a tank of fuel and $\frac{1}{2}$ cup of water, and use his or her knowledge of fractions to mix bird food and build a bird house. Try these ideas to extend the learning and fun at home!

Talk About It!

Talk to your child about what he or she did after school each day. Ask what your child did to investigate fractions, and what kinds of snacks the children created or shared.

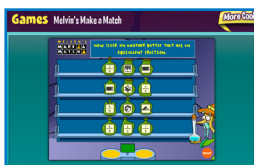
Explore Online!

Go to [PBSKIDS.org](http://pbskids.org) to play math games with your child to reinforce important math skills.



Video: Cyberchase: Math on the Street: Harry and Vishnu (1:10)
<http://pbskids.org/cyberchase/videos/cyberchase-math-on-the-street-harry-vishnu/>

In this video, Vishnu and Harry divide a graham cracker into halves and fourths. After watching the video, challenge your child to break a graham cracker (or fold a piece of paper) into **halves, fourths, or even thirds**.



Online Game: Cyberchase: Melvin's Make a Match
<http://pbskids.org/cyberchase/math-games/melvins-make-match/>

This game asks children to **match written fractions with shapes** that are shaded to match. Play along with your child, reminding him or her that in these fractions, the bottom number indicates how many equal pieces the shape has been divided into, and the top number indicates how many pieces are shaded in.

Try It Out!

Help your child explore math with hands-on activities you can do at home. Try:



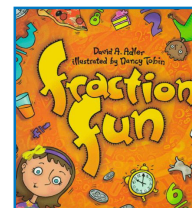
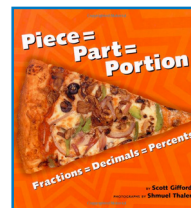
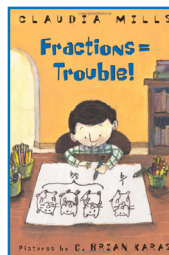
Hands-On Activity: Cyberchase: Digit's Cyber-Dough Recipe

<http://pbskids.org/cyberchase/activities/digits-cyber-dough-recipe/>

Digit has a cool recipe for cyber-dough. It's easy to make, fun to play with...and it has Hacker stumped! The recipe tells exactly how much salt to use, but Hacker can't figure out how much flour, oil, and water to add. Follow the clues with your child to figure out the recipe—and then make your own batch.

Read About It!

Visit your local library to check out books on fractions. Look for:



- **Fractions = Trouble!** by Claudia Mills
- **Piece = Part = Portion** by Scott Gifford
- **Fraction Fun** by David A. Adler



This out-of-school resource was developed by Maryland Public Television.

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Estimado Padre o Encargado

¡Bienvenido a Afterschool Adventure de PBS KIDS! Esta semana su hijo investigará fracciones mientras creamos y compartimos algunos refrigerios reales y virtuales en la **aventura de Appetite for Fractions**. Primero, los niños practicarán usando fracciones como medio para representar partes iguales de objetos completos, como pizza, así como para representar y dividir múltiples objetos, como pedazos de manzanas y sándwiches. Al final de la semana, los niños trabajarán con medidas de fracciones, como $1/2$ de tanque de combustible o $1/4$ taza de agua, y usarán su conocimiento sobre fracciones para mezclar comida para aves y construir una casa para pájaros. ¡Intente poner en práctica estas ideas para extender el aprendizaje y la diversión en casa!

¡Hable Sobre el Tema!

Hable cada día con su hijo sobre qué hizo después de la escuela. Pregunte a su hijo qué hizo para investigar sobre fracciones, y qué tipos de refrigerios crearon o compartieron los niños.

¡Explore En Línea!

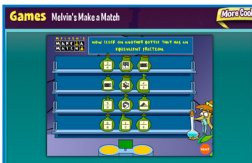
Ingrese a [PBSKIDS.org](http://pbskids.org) para descubrir juegos matemáticos con su hijo, para reforzar de esa forma las habilidades matemáticas importantes.



Video: Cyberchase: Math on the Street: Harry and Vishnu (4:10)

<http://pbskids.org/cyberchase/videos/cyberchase-math-on-the-street-harry-vishnu/>

En este video, Vishnu y Harry dividen una galleta en mitades y en cuartos. Luego de ver el video, desafíe a su hijo a romper una galleta (o doblar un pedazo de papel) en mitades, **cuartos**, o **incluso en tercios**.



Juego: Cyberchase: Melvin's Make a Match

<http://pbskids.org/cyberchase/math-games/melvins-make-match/>

Este juego pide a los niños que **unan fracciones escritas con formas que están pintadas para coincidir**. Juegue con su hijo, recordándole que en esas fracciones el número inferior indica en cuántas piezas iguales se ha dividido la forma, y el número superior indica cuántas de estas piezas están pintadas.

¡Pruébelo!

Ayude a su hijo a explorar la matemática con actividades prácticas que podrá realizar en casa. Pruebe:



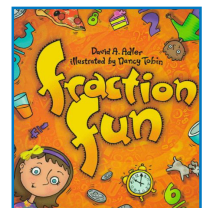
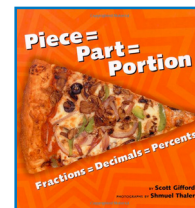
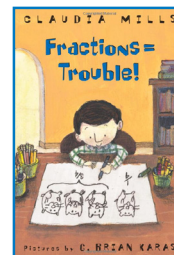
Actividad Práctica: Cyberchase: Digit's Cyber-Dough Recipe

<http://pbskids.org/cyberchase/activities/digits-cyber-dough-recipe/>

Digit tiene una receta genial para cyber-dough. Es fácil de hacer, es divertida...¡y ha dejado mudo a Hacker! La receta dice exactamente cuánta sal usar, pero Hacker no puede descubrir cuánta harina, aceite y agua debe agregar. Siga las pistas con su hijo para descubrir la receta—y luego hagan su propia hornada.

¡Lea Sobre el Tema!

Visite su biblioteca local para ver algunos libros referidos a fracciones. Busque:



- **Fractions = Trouble!** por Claudia Mills
- **Piece = Part = Portion** por Scott Gifford
- **Fraction Fun** por David A. Adler