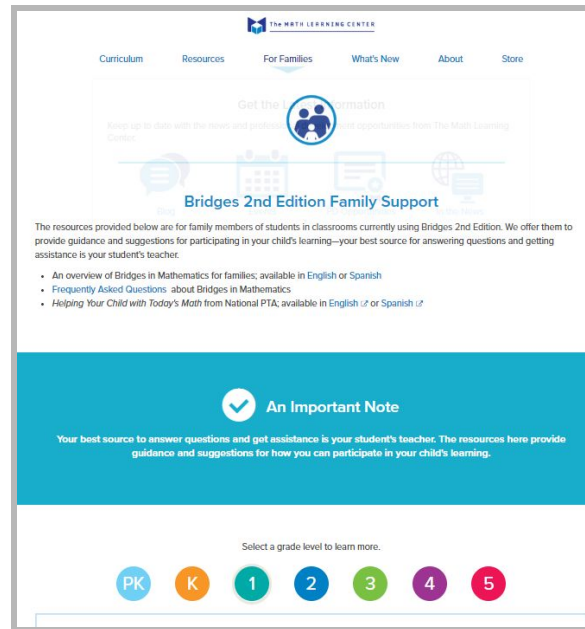


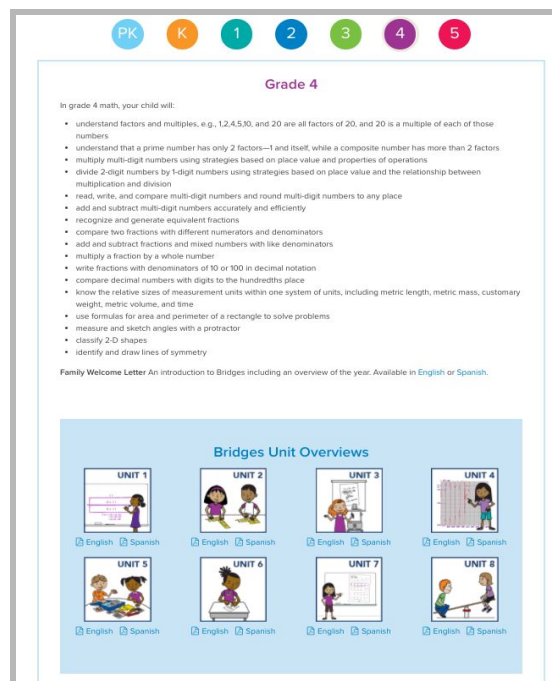
Dear Families!

Here are some Bridges Math resources that you can access to find an overview of what new learning will take place in the remaining Units of Grade 4 and support links. Email the CBCSD Help Desk at helpdesk@CBCSD.org if issues arise getting on the Bridges Family Support link or other links connected to the main link below.

Go to mathlearningcenter.org/families/Bridges2. It will look like this:



Click on the appropriate grade level. It will bring you to a description of what your child will learn in the fourth grade and will show links for the Bridges Unit Overviews. It will look like this:



Click on the specific Unit to read the overview letter sharing the models and strategies your child will learn during the Unit.

THEN, use the back arrow to return to the above page.

Scroll down to **Additional Resources** that bring you to links with games/activities for your child to do/play to strengthen and continue their learning in areas related to the specific Unit(s).

Check out the section titled “Other Helpful Information” to find even more support. It will look like this:

Additional Resources

The following selection of games and activities will help your child to practice some of these skills at home.

Multiplication

Times Square ☞ This game provides practice with multiplication facts as players race to be the first to get 4 products in a row on the game board. Use "guest pass" to enter game list and play against the computer.

Factor Dazzle ☞ Players score points for finding all the factors of target numbers set by their opponents. Use "guest pass" to enter game list and play against the computer.

MathTappers: Multiples ☞ App compatible with iPhone, iPod touch, and iPad for math practice on the go. This is a simple, free game designed to help learners make sense of multiplication and division using visual models.

Division

Drag Race Division ☞ Race to answer basic division problems. Students can race one another or play against the computer.

Fractions

Dig It ☞ Players take turns digging in a field loaded with precious stones. The object is to collect as much dirt and as many stones as possible. Players tell the shovel where to dig by using a set of numbers to make a fraction—including improper fractions—and then locating that fraction on a number line that runs across the field. The more accurately they locate the fraction, the better their score. Students may need some help to get started. Use "guest pass" to enter game list and play against the computer.

Fraction Feud ☞ Players use number "cards" to create fractions that are larger (or smaller) than their opponents' in a series of mock jousts. See the "fraction bar chart" to figure out how big a fraction is in relation to an opponent's. Use "guest pass" to enter game list and play against the computer.

Drop Zone ☞ Players add fractions that will total 1 as they race to win 5 points in this action-packed game. Develops fraction sense, estimation, and skill at adding fractions with like and unlike denominators. Use "guest pass" to enter game list and play against the computer.

Equivalent Fraction Bingo ☞ Match the numerical fraction to its equivalent visual model.

Fraction Fling ☞ Match fraction to the visual model and hit the fraction to answer the question. Players can choose to use mixed fractions while playing.

MathTappers: Estimate Fractions ☞ In this free app for iPhone, iPod touch, and iPad, students relate fractions (symbols and pictures) to the nearest half. Then they use fraction estimates in addition and subtraction problems. Excellent game to use while on the go.

Decimals

Pecking Order ☞ Arrange fractions and decimals from least to greatest on a number line.

Geometry

neXtu ☞ Players place shapes on a tessellating game board, collecting points and capturing opponent's pieces. Math concepts include: greater than, less than, tessellations, and symmetry.

Sammy's Symmetry Shuffle ☞ Place pattern blocks in the correct positions to complete the pattern/shape on the line of symmetry. Three difficulty levels. (Flash)

Lines of Symmetry ☞ Click on shapes with one, two, or more lines of symmetry. (Flash)

Alien Angles ☞ Slide a bar to position a ray to estimate different angles in order to rescue lost space aliens.

More Games

The links below contain some of the best games for elementary math students to play at home. Look through the sites to find other games for your child.

ABCyal ☞ The math games on this site, modeled from primary grade lessons, were approved of or created by teachers.

BBC Bitesize ☞ This site contains a variety of high-quality games, including the "Dick and Dom" series, resembling mini movies in the style of Monty Python. Skip the money game on this British site. Also see **BBC Bitesize** ☞ Level 1.

Calculation Nation ☞ The National Council of Teachers of Mathematics Illuminations site hosts over 10 games that includes notes for parents. Students can either register and challenge other players online or use the "guest pass" button to enter the game list and play against the computer. Designed for upper elementary and middle grades.

Cyberchase ☞ The popular PBS show hosts a site with about 50 games and activities, along with movie clips that explore math concepts.

Johnnie's Math Page ☞ Use this online index to find hundreds of interactive math games on the web, organized by concept.

National Library of Virtual Manipulatives ☞ Organized by grade band and math concept, this Utah State University site contains a wide selection of virtual manipulatives.

Other Helpful Information

- **Fourth Grade Parents' Guide to Student Success** from the National PTA. Available in **English** ☞ and **Spanish**. ☞
- **Articles at the Math Learning Center blog**

Your child has a student letter containing a timeline with Online Games to help them continue their learning. They may also work on Student Book pages and Home Connections pages, or parts of the pages, **they feel comfortable completing.** Many will be too difficult to complete at home without teacher support or needed manipulatives and materials. PLEASE NOTE: None of these pages are mandatory to complete.