Online Math Programs for Summer

Brent has a variety of online math programs which students will be able to access during the summer. Each program has different features and can offer different benefits to students.

<table>
<thead>
<tr>
<th></th>
<th>iReady</th>
<th>Zearn</th>
<th>IXL</th>
<th>Xtramath</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Does it teach lessons?</strong></td>
<td>✓</td>
<td>✓</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td><strong>Is the program adaptive based on student performance?</strong></td>
<td>✓</td>
<td>✗</td>
<td>✗</td>
<td>✓</td>
</tr>
<tr>
<td><strong>It is timed?</strong></td>
<td>✗</td>
<td>✗</td>
<td>✗</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Can parents see students' progress?</strong></td>
<td>✓</td>
<td>✗</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Can teachers see students' progress?</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>How long should students work?</strong></td>
<td>20-30 min. daily</td>
<td>15-20 min. daily</td>
<td>20-30 min. per skill</td>
<td>10-15 min. 3x per week</td>
</tr>
</tbody>
</table>

**iReady**

iReady has students follow an individualized instructional pathway, based on their performance on the iReady Diagnostic Assessment (given at school). iReady math lessons include interactive instruction, quizzes, and learning games.

**Login:** Students login through Clever

**Zearn**

Zearn has students follow a set sequence of missions and lessons that mirror Brent’s math program, Eureka Math. Zearn lessons include adaptive fluency activities, interactive instruction, and independent practice with embedded remediation.

**Login:** Students login at Zearn.org

**IXL**

IXL has questions on thousands of skills across multiple areas of math. Students can choose the skills they want to practice based on recommendations or areas of interest. IXL has adaptive questions within each skill.

**Login:** Students login at IXL.com/signin/brent

**XtraMath**

XtraMath is designed to improve fact fluency with a focus on speed, just like online flash cards. Students can practice addition, subtraction, multiplication, and division facts. XtraMath adapts based on students’ placement scores.

**Login:** Students login at Xtramath.org
Additional Math Practice Ideas for Summer

GAMES:
Look for number, logic, and other math games at your local game store or online!

24 Game: This game provides fabulous math facts practice! It’s so simple: just make the number 24 from the four numbers on the card. You can add or subtract or multiply or divide using all four numbers on the card—but use each number only once!

SMATH: Players take turns using the tiles in their racks to build their own crossword style equations. Players can start off with addition and subtraction or step it up to use multiplication and division! Each tile has a point value that is earned once it is played. The player with the most points at the end of the game wins!

Sumoku: A unique crossword-style game with numbers. It can be played five different ways with endless challenges! Players add up their numbered tiles to a multiple of the number on the die. Scores grow with every connected row and column.

Möbi Kids: The goal of the game is to make simple math equations as quickly as possible and connect them in crossword style grids. Be the first to connect all your tiles and you win!

4th Grade Logic Puzzles: CalcuDoku Puzzles: CalcuDoku is a mathematical and logical puzzle loosely similar to Sudoku. It was invented by a Japanese mathematics teacher Tetsuya Miyamoto.

Other: Sudoku, Logic Puzzles, Kakuro Math Puzzles

MATH BOOKS:
Look for books that incorporate math skills and concepts at the library or local bookstore!

- Sideways Arithmetic from Wayside School and More Sideways Arithmetic from Wayside School, by Louis Sachar
- The Number Devil: A Mathematical Adventure, by Hans Magnus Enzensberger
- Lemonade in Winter, by Emily Jenkins
- Anno’s Magic Seeds and Anno’s Mysterious Multiplying Jar, by Mitsumasa Anno
- Math Potatoes, by Greg Tang
- Math Curse, by Jon Scieszka