



# DWIGHT SCHOOL SUMMER MATHEMATICS RESOURCES

## Second Grade into Third Grade

To keep our students' math skills sharp over the summer, here are some resources that we recommend you explore!

## Recommended Apps

We know you are on the move this summer! These amazing math apps make it fun and convenient for your child to strengthen his or her math skills and stay sharp over the weeks ahead! Waiting for the train, plane, or ride to arrive? It's the perfect time to play a math game on your device!

**Sushi Monster:** (A game to practice, reinforce, and extend math fact fluency is completely engaging and appropriately challenging)

**Mathmateer:** (covers variety of math areas in the format of going on a "math mission")

**Dragon Shapes:** (geometry practice)

**Math: Go** (covers a variety of math areas such as counting to 20 & beyond, addition & subtraction, identifying 2-D & 3-D shapes, measurement, sorting & grouping)

**Rounding:** (helps students with their rounding skills)

**Ace Kids Math Games HD:** (teaches kids how to count, add, and subtract visually)

**Math Puppy:** (Bingo game teaching add, subtract, multiply, divide)

**Numbers League:** (kids practice their basic math facts while helping superheroes fight evil villains)

**Math Bumpies HD- Adventure on Math Island: Addition and Subtraction:** (adventure game teaching addition and subtraction)

**Math Tappers- Find Sums:** (simple game designed to help learners to make sense of addition and subtraction as a related operation)

**Math Planet:** (a variety of games to preview third grade math skills one by one)

## Recommended Websites

These websites can be accessed on a computer or tablet. Many offer fun games for your child to play to keep their mathematical thinking sharp over the long summer. Some even offer multi-player options or printable practice for your convenience.

Mr. Nussbaum's Games: We love Mr. Nussbaum! This is a great game to practice your rounding skills, however we recommend most of Mr. Nussbaum's games as they are student and teacher favorites. <http://mrnussbaum.com/rounding-2/>

Math Playground Games: Practice and refresh your 2<sup>nd</sup> grade math skills! This website offers a wide variety of skills and games for all interests and skills  
[http://www.mathplayground.com/common\\_core\\_state\\_standards\\_for\\_mathematics\\_grade\\_2.html](http://www.mathplayground.com/common_core_state_standards_for_mathematics_grade_2.html)

Sheppard Math Games: These fun online games, interactives, and models allow your child to practice and solidify her/his place value skills  
[http://www.sheppardsoftware.com/mathgames/menus/place\\_value.htm](http://www.sheppardsoftware.com/mathgames/menus/place_value.htm)

Arcademic Skill Builders: These mathematical games allow students to practice their fluency and skills in engaging, single or multi-player games [www.arcademics.com](http://www.arcademics.com)

Soccer Estimation: Estimation is an invaluable mathematical strategy that our students could benefit from strengthening. This game asks students to round in order to add or subtract large numbers mentally. Give it a shot! <http://www.abcya.com/estimating.htm>

Sumdog: Sumdog is a way for kids to practice math skills while playing fun, math-related games against friends, classmates, or students from around the world. Games are individualized for each kid's ability level, so users can play against opponents who have the same skills. [www.sumdog.com](http://www.sumdog.com)

Funbrain: This website offers some math-inspired entertainment for you to enjoy! Watch a music video about estimation or try some of their games in the Math Zone  
[www.funbrain.com](http://www.funbrain.com)

A Plus Math: A great tool for parents to use. You can access printable or online math practice for your child. There are also math games to be found here.  
<https://www.varsitytutors.com/aplusmath>

## Recommended Math Experiences

We know summers are busy with sports, trips, family, friends, and events, but it can be really memorable and fun to set aside some time to have a math enrichment experience! There are a plethora of camps, museum exhibits, and DIY experiences that could get your child excited about practicing and applying their math skills this summer! Here are some that we recommend.

### Camps:

- ☐ Launch Math & Science Center's Summer Camp
- ☐ MoMath Summer Camp
- ☐ Marymount STEAM Camp
- ☐ iD Tech Camp
- ☐ Camp/pixel

### Experiences:

- ☐ Take a trip to the National Museum of Mathematics (MoMath)
- ☐ Explore the geometry and architecture of The Cathedral of St. John the Divine. Build your own self-guided tour using this program guide:  
[http://www.stjohndivine.org/files/uploads/Geometry.Visit\\_.pdf](http://www.stjohndivine.org/files/uploads/Geometry.Visit_.pdf)
- ☐ Go to a playground with a tape measure or meter stick and calculate distances and perimeters!
- ☐ Check this website for a list of fun, outdoor math games to bring the fun into math practice!  
<http://www.coffeecupsandcrayons.com/outdoor-math-games-for-kids/>