

Dear Parents and Families,

As we head into the summer break, we want to ensure that your child maintains their math skills and continues to grow academically as they transition to the next grade level. Practice during the summer months can prevent the loss of math skills gained during the school year, commonly referred to as the "summer slide."

To support your child's mathematical development over the summer, we have compiled a list of fun and engaging math challenges as a way for students to practice their facts. Students will have a Math Fact Fluency Challenge for the months of June and July. By completing 10 minutes of fact practice using an online program, app, worksheet, flashcards, or games, students will be able to fill in a star. Attached to this is a list of resources and ideas of ways students can practice their math fact fluency at home this summer. Turn the paper into your teacher at the beginning of the school year. Completed challenges will be able to earn students rewards listed on their challenge page.

By incorporating these math activities into your child's summer routine, you can help them build confidence, reinforce important skills, and prepare them for the year ahead. Thank you for your continued support, and we wish you and your family a wonderful summer filled with learning and exploration!

Sincerely,

Mrs. Lesiak

Math Fact Fluency Resources:

Below you will find a list of resources, ideas, and activities you can use to help support your child with their math fact fluency challenges this summer.

- **Math Drills:** Online resource where you can find a variety of math fact practice worksheets that you can print off to use for practice with various skills
 - <https://math-drills.com/>
- **99 Math:** Online resource to help practice a variety of addition, subtraction, multiplication, and division facts
 - <https://99math.com/>
- **Math Playground:** Online games to help practice facts in a variety of ways and types of games
 - <https://www.mathplayground.com/>
- **Fact Monster:** Online flashcard practice of a variety of facts
 - <https://www.factmonster.com/math/flashcards>
- **Other ideas for games and activities you can play at home:**
 - Play a game of war using a deck of cards! Students can practice adding, subtracting, and multiplying cards together!
 - Flashcards are always a fast and easy way to review facts! Have students make their own cards as a challenge!
 - Make bingo cards with math facts instead of numbers. Call out the answers, and students mark the corresponding fact on their bingo card. This game reinforces both recognition and recall of math facts.
 - Create pairs of cards with math facts and their answers. Mix them up and lay them face down. Students take turns flipping over two cards, trying to make matches. This game helps with memorization and recall of math facts.

Additional Math Skills to Practice This Summer

To help your child stay on track and be ready for third grade, here are important math skills to review over the summer:

Basic Facts

- Add and subtract within 20 quickly and accurately
- Practice fact fluency for automatic recall

Place Value

- Read, write, and compare numbers up to 1,000
- Understand the value of digits in the hundreds, tens, and ones places

Addition & Subtraction

- Add and subtract 2-digit and 3-digit numbers, with and without regrouping
- Solve one- and two-step word problems using addition and subtraction

Measurement & Data

- Measure objects using inches and centimeters
- Read and interpret simple bar graphs and picture graphs

Geometry

- Identify and describe 2D shapes based on sides and angles
- Sort and classify shapes by shared attributes

SUMMER FACT PRACTICE CHALLENGE

JUNE

Directions

Choose a star.
Complete 10 minutes of fact practice using an online program, worksheet, or flash cards.
Have an adult sign and date your paper.

Rewards

Turn in your paper when school begins.
Earn 1 dress down pass and 1 hoodie pass for each paper with all stars completed.
The class with the most turned in earns a class dress down.

10 minutes
Addition Facts
Practice:

Date: _____
Adult initials: _____

10 minutes
Subtraction Facts
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiplication Facts
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiplication Facts
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiply x5, x6, x7
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiplication Facts
Practice:

Date: _____
Adult initials: _____

10 minutes
Subtraction Facts
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiply x7, x8, x9
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiplication Facts
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiply x5, x6, x7
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiply x7, x8, x9
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiplication Facts
Practice:

Date: _____
Adult initials: _____

SUMMER FACT PRACTICE CHALLENGE JULY

Directions

Choose a star.
Complete 10 minutes of fact practice using an online program, worksheet, or flash cards.
Have an adult sign and date your paper.

Rewards

Turn in your paper when school begins.
Earn 1 dress down pass and 1 hoodie pass for each paper with all stars completed.
The class with the most turned in earns a class dress down.

10 minutes
Multiply x5, x6, x7
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiplication facts
Practice:

Date: _____
Adult initials: _____

10 minutes
Subtraction Facts
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiplication Facts
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiply x6, x7, x8
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiplication Facts
Practice:

Date: _____
Adult initials: _____

10 minutes
Subtraction Facts
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiply x7, x8, x9
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiplication Facts
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiplication facts
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiply x7, x8, x9
Practice:

Date: _____
Adult initials: _____

10 minutes
Multiplication Facts
Practice:

Date: _____
Adult initials: _____