



THE MASTER'S SCHOOL

Lower School Math Grades 2-5 *Mrs. Deems*

Math Summer Assignments

This year, the Math Summer Assignments for the Lower School will focus on two areas - review of concepts learned in the prior year and continued practice of math facts to achieve fluency.

To review, students will utilize the Math In Focus workbooks to keep what they learned fresh and prepare them for their next year in school. Below I have listed the suggested sections and page numbers which are predominantly cumulative reviews of the various units we covered. For any new students in 3rd-5th grade, you will receive an e-mail with a workbook attachment to download.

To practice math facts, I have attached flashcards that can be printed and used in a variety of ways. If your child has already mastered them, a quick review a few times would be fine. They will actually be applying these math facts as they do the workbook exercises. Math fact fluency is an extremely important factor of a student's overall success. Summer is a great time to work on mastery. Fact fluency simply means your child has good number sense and can recite answers quickly with little effort (not just memorization but also a good understanding of what the numbers mean) to basic math problems (i.e. $3+9$; $15-8$; 4×7 ; $24 \div 6$).

Each student should work towards having the following math facts mastered before the 2019-2020 school year:

2019-2020 Second-graders: addition facts (0 - 20)

2019-2020 Third-graders: related subtraction facts

2019-2020 Fourth-graders: multiplication facts (0 - 10)

2019-2020 Fifth-graders: related division facts

Summer assignments are optional and it is up to you as the parent/guardian to decide if this makes sense for your family. If you decide to complete the assignments, I recommend spreading it out throughout the summer. It is not necessary to do all of the suggested pages and you can always supplement with other tools. I will collect whatever they have completed on the first day of math class and will give them a little something to reward their efforts.

Besides the assignments below, there are a variety of resources available that can offer additional math practice. Websites, apps, games, flashcards, etc. are all great tools to try. Also, there is usually a variety of summer math activity books at Barnes and Noble.

Summer Assignments:

2019-2020 Second Graders:

- Practice/memorize addition facts (0-20)
- An end of the year review packet will be sent via email.
- [Summer Story Problems](#)
- Practice time and money whenever you have an opportunity! Count money in a piggy bank, go shopping, buy an analog clock for your house and use it frequently to ask questions about time!

2019-2020 Third Graders:

- Practice/memorize subtraction facts (0-20)
- Math In Focus Workbook 2A:
 - Cumulative Review for Chapters 1-4: p. 99-106
 - Cumulative Review for Chapters 5-6: p. 157-164
- Math In Focus Workbook 2B:
 - Cumulative Review for Chapters 10 - 12: p. 63-72
 - Chapter 15: Multiplication Tables of 3 and 4: p. 133-150
 - Cumulative Review for Chapters 15-17 p. 201-208
- Practice time and money whenever you have an opportunity! Count money in a piggy bank, go shopping, buy an analog clock for your house and use it frequently to ask questions about time!

2019-2020 Fourth Graders:

- Practice/memorize multiplication facts (0-10)
- Math In Focus Workbook 3A:
 - Cumulative Review for Chapters 1-2 p. 39-44 (skip # 32 -45)
 - Cumulative Review for Chapters 3-5 p. 89-92
 - Cumulative Review for Chapters 6 - 7 p. 141-146
 - Cumulative Review for Chapters 8-9 p. 181-186
- Math In Focus Workbook 3B
 - Cumulative Review for Chapters 13 - 15 p. 137-146 (skip #35-51)
- For an extra challenge, feel free to work on any part of these workbooks or try the Put on Your Thinking Cap sections after each unit.

2019-2020 Fifth Graders:

- Practice/memorize related division facts (with factors of 0-10)
- Math In Focus Workbook 4A:
 - Cumulative Review for Chapters 1-2 p. 35-40
 - Cumulative Review for Chapters 3-4 p. 83-92
 - Cumulative Review for Chapters 5-6 p. 171-180 (skip #6-11, 38)
- Math In Focus Workbook 4B:
 - Cumulative Review for Chapters 7-8 p. 37-44
 - Cumulative Review for Chapters 9-11 p. 87-92
- For an extra challenge, feel free to work on any part of these workbooks or try the Put On Your Thinking Cap sections after each unit.

Printable Math Fact Flash Cards:

[Addition Flash Cards](#)
[Subtraction Flash Cards](#)

[Multiplication Flash Cards](#)
[Division Flash Cards](#)

Online Resources

Math Fact Café <http://www.mathfactcafe.com/>
Kahn Academy <https://www.khanacademy.org/>
Greg Tang Math <http://gregtangmath.com/>
IXL (Math) <https://www.ixl.com/>