

Incoming 5th Grade Math

June 2021

Dear Incoming 5th Grade Families,

Summer is here and we hope you and your child have some restful and relaxing time together. We also want your child to retain the valuable math skills they learned this year, and so we have put together an enriching math **review** assignment for the summer. The best approach for this assignment is to **spread it out over the summer**, having your child work on a portion each week.

According to the National Association for Summer Learning, students, on average, lose approximately two months of grade-level math skills during the summer if they do not participate in educational activities. This time lost becomes crucial as students enter more rigorous math classes in middle and high school.

This summer your child will be using an online program called **IXL** to enhance their mastery of material learned this past year. **IXL is a web-based learning program, which can be accessed on a computer or an iPad through a web browser.**

Features of IXL:

- Organized by grade/math course, making it easy to find the skills appropriate for your child's grade level.
- Aligned with California Common Core State Standards for Math.
- If a student answers incorrectly, there is a thorough explanation of how to solve the problem correctly.
- Instant feedback on errors and current percent of mastery is shown during each lesson.
- Provides teachers with valuable reports on student activity and scores.
- Allows teachers to differentiate instruction for students who need extra help or extra challenge.

Following this letter is an instruction sheet for the assignment and attached is a spreadsheet that contains your child's login and password information. **Please read the instructions together with your child.** This assignment is graded (on completion) as a homework assignment in the first quarter of next school year.

Incoming 5th IXL SUMMER MATH ASSIGNMENT: Due by Aug 25

To complete your assignment on IXL:

- Visit www.ixl.com in your web browser
- **Sign-in** in the upper right-hand corner by entering your login and PW (in attached spreadsheet). **You must sign in again if you lose your internet connection**—no information is recorded if you are not signed in!
- Click on 4th Grade.

Please note:

You must be signed-in in order for your work to be recorded! If you lose your internet connection you will be automatically logged off. **Make sure that your name is visible in the upper right hand corner at all times. If your name is not visible, the work does not get recorded!**

All work and scores from the school year will be cleared before summer.

You will need a whiteboard or pencil and paper to do calculations.

NO CALCULATORS ALLOWED WHEN WORKING ON THIS IXL ASSIGNMENT.

Incoming 5th Grade Assignment: You must complete **all of the following required lessons with a score of 85% or better.** Lessons are in the 4th grade section because this is material for review. As soon as your smart score reaches 85% you may exit the lesson, and this score will be recorded in your profile. A score of 85% or better on each lesson will give you full credit for this assignment.

Need help? Each time you answer a problem incorrectly, there is a thorough explanation of how to do the problem. If you need more help, visit khanacademy.com and search for a video using the name of the lesson.

Required Lessons in the 4th Grade section – Lesson codes may change over the summer so double check the lesson name or search for the lesson name, NOT the code:

1. **A. 18 Prime and composite: up to 20**
2. **A. 21 Rounding: up to millions place**
3. **D.7 Identify Factors**
4. **D.21 Multiply 1-digit numbers by larger numbers**
5. **D.32 & 34 Multiply a 2-digit number by a 2-digit number**
6. **E.12 Divide 2-digit numbers: word problems**
7. **E.20 Divide larger numbers by 1-digit numbers**
8. **F.1 Add, subtract, multiply, and divide**
9. **K.9 Complete an increasing number pattern**
10. **O.9 Fractions with denominators of 10 and 100**
11. **O.10 Patterns of equivalent fractions**
12. **O.14 Compare fractions with like numerators or denominators**
13. **O.26 Convert between improper fractions and mixed numbers**
14. **P.14 Add and subtract fractions with like denominators**
15. **Q.1 Add fractions: denominators 10 and 100**
16. **Q.4 & 5 Add and Subtract fractions with unlike denominators**
17. **R.5 Multiply unit fractions by whole numbers**
18. **S.2 Model decimals and fractions**
19. **S.6 Equivalent decimals**
20. **T.1 Add decimal numbers**
21. **T.2 Subtract decimal numbers**

- 22.AA.1 Find the perimeter of rectangles using formulas
- 23.AA.5 Create figure with a given area
- 24.AA.7 Find the area or missing side length of a rectangle
- 25.AA.11 Compare area and perimeter of two figures

Have a wonderful summer!

Sincerely,
Fifth Grade Team

Reading



5th Grade Summer Reading Log

Parent Initials: _____

Over the summer, please read at least **two** books (200 pages minimum) at your reading level for your reading requirement. I encourage you to read as much as possible, which is why I added extra boxes on the log. Although not required, having discussions about your books is a great way to maintain reading comprehension. Fill in the reading log and turn it into me when you return to school. This assignment is collected as a homework assignment the second week of the school year. Use the website <https://www.scholastic.com/teachers/bookwizard/> to find the reading level of books.

Have a wonderful break!

Mrs. Noble

Any questions, please contact Erin Noble - 5th Grade Language Arts Teacher
enoble@sandomenico.org

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