

IXL Summer Boost Program

Dear Parents,

As we approach the end of the school year, I want to take a moment to wish you and your family a joyful and restful summer in advance.

This summer, many of our students will be participating in the **IXL Summer Boost Program**. As shared during Bridges and in-person meetings, IXL is a powerful resource that supports academic growth in Reading, Math, and Language Arts.

Attached, you will find the list of IXL Boost Challenge skills for your child's rising grade level. These skills can also be accessed by logging into your child's IXL account and navigating to:

Learning → Skill Plans → IXL Plans

Students are expected to reach a **Smart Score of 80** on each assigned skill. However, striving for a **Mastery Score of 100** is highly encouraged. We ask that a parent or guardian **sign off on each completed skill**, including the date and initials, to help track progress.

If you experience any issues accessing your child's account, please don't hesitate to contact me at **gloughner@stmatthias.org** or by calling the school office at **301-577-9412**.

Wishing you and your family a safe, relaxing, and blessed summer!

Sincerely,

Mr. Loughner

Director of Testing and Technology

IXL Summer Boost

Rising 8th Grade Math

Directions: Practice each of the listed skills on IXL until you reach a **Smart Score of 80** (to show proficiency) or **100** (to show mastery). After completing each skill, please have a parent **sign and date** next to it to confirm your completion.

| Day | Skill Code | Skill | Date | Score | Parents Initials |
|-----|------------|--|------|-------|------------------|
| 1 | 8XE | Convert between decimals and fractions or mixed numbers | | | |
| 2 | 6V7 | Identify proportional relationships from tables | | | |
| 3 | NUY | Multiply using the distributive property | | | |
| 4 | MRG | Area of compound figures with triangles | | | |
| 5 | SD2 | Add and subtract positive and negative fractions | | | |
| 6 | K94 | Complete multiplication and division equations with integers | | | |
| 7 | VKK | Write and solve equations for proportional relationships | | | |
| 8 | 6BT | Add and subtract linear expressions | | | |
| 9 | P56 | Circles: word problems | | | |
| 10 | QEB | Solve two-step equations | | | |
| 11 | 7YN | Evaluate numerical expressions involving integers | | | |
| 12 | 2LU | Complete a table for a two-variable relationship | | | |
| 13 | J9G | Factors of Linear expressions | | | |
| 14 | CST | Find measures of complementary, supplementary, vertical, & adjacent angles | | | |
| 15 | CYK | Interpret charts and graphs to find mean, median , mode & range | | | |
| 16 | DRB | Identify equivalent linear expressions | | | |
| 17 | JKH | Write equations for proportional relationships from graphs | | | |
| 18 | XGQ | Solve 2-step inequalities | | | |
| 19 | 5RX | Triangle inequality | | | |
| 20 | 9AA | Experimental probability | | | |

IXL Summer Boost

Rising 8th Grade ELA

Directions: Practice each of the listed skills on IXL until you reach a **Smart Score of 80** (to show proficiency) or **100** (to show mastery). After completing each skill, please have a parent **sign and date** next to it to confirm your completion.

| Day | Skill Code | Skill | Date | Score | Parents Initials |
|-----|------------|---|------|-------|------------------|
| 1 | PMB | Identify sensory details | | | |
| 2 | KSR | Select the misplaced or dangling modifier | | | |
| 3 | XQ2 | Order topics from broadest to narrowest | | | |
| 4 | QQS | Determine the themes of short stories | | | |
| 5 | MCB | Use words as clues to the meaning of Greek and Latin roots | | | |
| 6 | ZXT | Which sentence is more formal | | | |
| 7 | 45Q | Positive and negative connotation | | | |
| 8 | LTH | Organize information by topic | | | |
| 9 | UVZ | Draw inferences from literary texts | | | |
| 10 | VNX | Interpret the meaning of an allusion from its source | | | |
| 11 | W8V | Identify supporting details in literary texts | | | |
| 12 | QAU | Find words using context | | | |
| 13 | H5Q | Read about science and nature | | | |
| 14 | G57 | Describe the difference between related words | | | |
| 15 | E9A | Classify figures of speech | | | |
| 16 | CCW | Is the sentence simple, compound, complex or compound-complex | | | |
| 17 | 9CZ | Use the correct frequently confused words | | | |
| 18 | TSE | Determine the meanings of words with Greek and Latin roots | | | |
| 19 | UXZ | Commas: Review | | | |
| 20 | LW8 | Correct errors with signs | | | |

IXL Summer Boost

Rising 7th Grade Math

Directions: Practice each of the listed skills on IXL until you reach a **Smart Score of 80** (to show proficiency) or **100** (to show mastery). After completing each skill, please have a parent **sign and date** next to it to confirm your completion.

| Day | Skill Code | Skill | Date | Score | Parents Initials |
|-----|------------|---|------|-------|------------------|
| 1 | NEA | Write and equivalent ratio | | | |
| 2 | JXM | Solve one-step addition and subtraction equations with whole numbers | | | |
| 3 | FMS | Compare and order rational numbers using number lines | | | |
| 4 | 79J | Add and subtract decimal numbers | | | |
| 5 | 9CW | Absolute value and integers: Word problems | | | |
| 6 | BFR | Division with decimal divisors | | | |
| 7 | 35Q | Solve one step addition and subtraction equations: word problems | | | |
| 8 | 8N4 | Percent of numbers and money amounts | | | |
| 9 | TY5 | Write multiplication expressions using exponents | | | |
| 10 | ZB9 | Ratios and rates: word problems | | | |
| 11 | 2WK | Interpret charts and graphs to find mean, median, mode and range | | | |
| 12 | XRJ | Find a value using two variable equations: word problems | | | |
| 13 | WNE | Evaluate numerical expressions involving fractions | | | |
| 14 | JUA | Solve one step multiplication and division equations with whole numbers | | | |
| 15 | GZN | Multiply and divide decimals: word problems | | | |
| 16 | N2B | Divide fractions and mixed numbers | | | |
| 17 | GMV | Solve one step multiplication and division equations: word problems | | | |
| 18 | PGZ | Factor variable expressions using distributive property | | | |
| 19 | XHF | Volume of cubes and rectangular prisms | | | |
| 20 | N2A | One-Step inequalities: word problems | | | |

IXL Summer Boost

Rising 7th Grade ELA

Directions: Practice each of the listed skills on IXL until you reach a **Smart Score of 80** (to show proficiency) or **100** (to show mastery). After completing each skill, please have a parent **sign and date** next to it to confirm your completion.

| Day | Skill Code | Skill | Date | Score | Parents Initials |
|-----|------------|--|------|-------|------------------|
| 1 | R5Q | Which sentence is more formal | | | |
| 2 | 7B3 | Organize information by topic | | | |
| 3 | T7W | Choose evidence to support a claim | | | |
| 4 | G75 | Draw inferences from literary texts | | | |
| 5 | QK8 | Choose the antonym | | | |
| 6 | FWM | Interpret figures of speech | | | |
| 7 | GS8 | Correct errors in everyday use | | | |
| 8 | RUD | Choose between subject or object pronouns | | | |
| 9 | 42L | Determine the meaning of idioms from context: set 2 | | | |
| 10 | MN9 | Use the meanings of words as clues to the meaning of Greek and Latin roots | | | |
| 11 | WP7 | Words with un-,dis-, in-, im-,and non- | | | |
| 12 | N5K | Determine the meaning of domain-specific words with pictures | | | |
| 13 | G7K | Compare information from two texts | | | |
| 14 | GEU | Identify the author's purpose | | | |
| 15 | ATS | Read about animals | | | |
| 16 | YJK | Create varied sentences based on models | | | |
| 17 | RLF | Use dictionary definitions | | | |
| 18 | 4J8 | Match the quotations with their themes | | | |
| 19 | TTM | Identify the narrative point of view | | | |
| 20 | ZK7 | Use the correct frequently confused words | | | |

IXL Summer Boost

Rising 6th Grade Math

Directions: Practice each of the listed skills on IXL until you reach a **Smart Score of 80** (to show proficiency) or **100** (to show mastery). After completing each skill, please have a parent **sign and date** next to it to confirm your completion.

| Day | Skill Code | Skill | Date | Score | Parents Initials |
|-----|------------|--|------|-------|------------------|
| 1 | 9LX | Multiply by 2-digit numbers: complete the missing steps | | | |
| 2 | NF5 | Write numerical expressions for word problems | | | |
| 3 | DVM | Relationship between decimal place values | | | |
| 4 | V59 | Multi-step word problems: multiplicative comparison | | | |
| 5 | 8BH | Add and subtract mixed numbers: word problems | | | |
| 6 | EFW | Estimate quotients: 2-digit divisors | | | |
| 7 | 2MV | Compare, order, and round decimals: word problems | | | |
| 8 | 38Y | Multiply two fractions: word problems | | | |
| 9 | HMZ | Complete the division sentence: 2-digit divisors | | | |
| 10 | MCG | Add and subtract money: multi-step word problems | | | |
| 11 | SPB | Divide unit fractions and whole numbers | | | |
| 12 | XBS | Create and interpret line plots with fractions | | | |
| 13 | QMA | Volume of rectangular prisms made of unit cubes: word problems | | | |
| 14 | APD | Divide by decimals with adding zeros | | | |
| 15 | RTS | Identify mistakes involving the order of operations | | | |
| 16 | JLJ | Interpret bar graphs: multi-step problems | | | |
| 17 | DGY | Interpret bar graphs: multi-step problems | | | |
| 18 | 7SX | Add, subtract, multiply, and divide decimals: word problems | | | |
| 19 | PMV | Area of rectangles with fractions and mixed numbers | | | |
| 20 | AST | Graph points on a coordinate plane | | | |

IXL Summer Boost

Rising 6th Grade ELA

Directions: Practice each of the listed skills on IXL until you reach a **Smart Score of 80** (to show proficiency) or **100** (to show mastery). After completing each skill, please have a parent **sign and date** next to it to confirm your completion.

| Day | Skill Code | Skill | Date | Score | Parents Initials |
|-----|------------|---|------|-------|------------------|
| 1 | LGR | Choose the best concluding sentence | | | |
| 2 | 6XL | Is it a complete sentence or a run-on | | | |
| 3 | 94B | Combine main ideas from two texts | | | |
| 4 | XSD | Correct the errors with signs | | | |
| 5 | XJG | Match problems with their solutions | | | |
| 6 | RWE | Words with un-, dis-, in-, im- and non- | | | |
| 7 | D56 | Commas with introductory elements | | | |
| 8 | 2GG | Identify similes and metaphors | | | |
| 9 | 7LD | Use academic vocabulary in context | | | |
| 10 | XPD | Identify the narrative point of view | | | |
| 11 | B54 | Form and use the simple past, present, and future tense | | | |
| 12 | U9D | Read fantasy with illustrations | | | |
| 13 | R8M | Identify and correct plagiarism | | | |
| 14 | 8XM | Identify story elements | | | |
| 15 | QQU | Multiple-meaning words with pictures | | | |
| 16 | R6Z | Correct capitalization errors | | | |
| 17 | RMV | Use coordinating conjunctions | | | |
| 18 | 5E5 | Read about history | | | |
| 19 | KXD | Formatting titles | | | |
| 20 | L2X | Use the correct frequently confused words | | | |

