

# MIDDLE SCHOOL SUMMER LEARNING

For Students Entering 6th through 8<sup>th</sup> Grade in 2024-2025

Dear Parents and Students,

For those of you entering middle school for the first time—welcome!

Summer learning for middle school is separated into three components: IXL and a reading assignment with accompanying vocabulary work. The details are as follows:

1. IXL-

- Students are required to complete assigned IXLs for Math and Language Arts (listed below).
- All IXLs must reach 100.
- A chart with IXLs is included in this packet.
- IXLs are due no later than **Friday, August 9<sup>th</sup>**. Points will be deducted for late work.

2. Each grade level will be assigned one book to read. Please purchase a physical copy of the book (not an e-book). All students will take a test on their book on **Friday, August 23<sup>rd</sup>**. The books for each grade level are as follows:

- 6th grade: *The Miscalculations of Lightning Girl* by Stacy McAnulty
- 7th grade: *Insignificant Events in the Life of a Cactus* by Dusti Bowling
- 8th grade: *Restart* by Gordon Korman

3. Included in the summer reading test are 25 vocabulary words that are related to the summer book they are assigned. These are attached to this summer packet. They are to look up and write (NOT TYPE!) the complete definition of

each word on a sheet of paper. The definitions must be found on the Merriam-Webster app OR on [www.merriamwebster.com](http://www.merriamwebster.com). If there is more than one meaning to a word, they must copy only the first. This is to be collected the first day of school on **August 13<sup>th</sup>**. Points will be deducted for late work.

Reminder of Important Due Dates:

1. IXLs are due **Friday, August 9<sup>th</sup>**
2. Vocabulary words are due **Tuesday, August 13<sup>h</sup>**
3. Summer Book/Vocabulary test **Friday, August 23<sup>rd</sup>**

Have a wonderful, safe summer! We look forward to seeing you this coming school year!

Many Blessings Always,

MOC Middle School Teachers

## Vocabulary Words

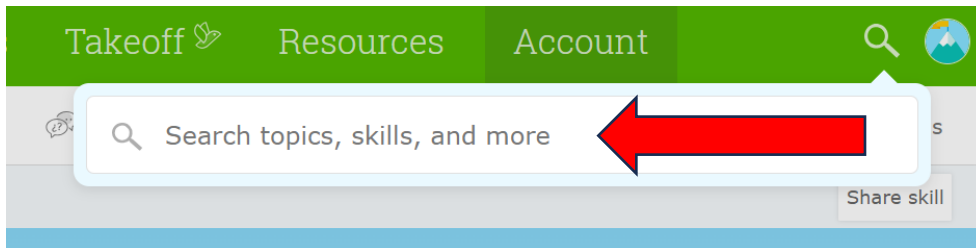
Entering Grade 6	Entering Grade 7	Entering Grade 8
<ol style="list-style-type: none"> <li>1. defibrillator</li> <li>2. fluorescent</li> <li>3. fractal</li> <li>4. immunization</li> <li>5. rabid</li> <li>6. flourish</li> <li>7. condoning</li> <li>8. superabsorbent</li> <li>9. antidote</li> <li>10. deficiency</li> <li>11. epic</li> <li>12. discriminating</li> <li>13. imprecise</li> <li>14. designate</li> <li>15. unverified</li> <li>16. euthanize</li> <li>17. telepathic</li> <li>18. mesmerized</li> <li>19. decapitating</li> <li>20. oppressed</li> <li>21. inquisitive</li> <li>22. terminal</li> <li>23. competence</li> <li>24. jolt</li> <li>25. tarnish</li> </ol>	<ol style="list-style-type: none"> <li>1. wail</li> <li>2. despair</li> <li>3. traumatize</li> <li>4. privy</li> <li>5. deliberately</li> <li>6. scowl</li> <li>7. entice</li> <li>8. grimace</li> <li>9. skitter</li> <li>10. spur</li> <li>11. reassure</li> <li>12. dexterous</li> <li>13. tendency</li> <li>14. secluded</li> <li>15. senile</li> <li>16. partial</li> <li>17. chronic</li> <li>18. tumor</li> <li>19. psychic</li> <li>20. callus</li> <li>21. forlorn</li> <li>22. vaguely</li> <li>23. rummage</li> <li>24. dementia</li> <li>25. exasperation</li> </ol>	<ol style="list-style-type: none"> <li>1. s pry</li> <li>2. paunch</li> <li>3. ecstatic</li> <li>4. squander</li> <li>5. raucous</li> <li>6. amnesia</li> <li>7. coddle</li> <li>8. alcove</li> <li>9. query</li> <li>10. nonchalant</li> <li>11. bewildered</li> <li>12. ruckus</li> <li>13. crescendo</li> <li>14. tentative</li> <li>15. diatribe</li> <li>16. phony</li> <li>17. coax</li> <li>18. glower</li> <li>19. finesse</li> <li>20. guffaw</li> <li>21. counterfeiting</li> <li>22. humiliate</li> <li>23. antiseptic</li> <li>24. dubiously</li> <li>25. reluctantly</li> </ol>

## IXLs

Since summer IXLs change midway through the summer, you will need to search for the letters given for each one in the search bar.



Recommendations | Skill plans | Leaderboards



## Language Arts IXLs

\*All IXL sections must be completed to 100%

**Incoming 6<sup>th</sup> graders are to complete 6<sup>th</sup> grade IXLs:**

Search Letters	IXL Topic
GEU	Identify Author's Purpose
F7K	Match Causes and Effects in Informational Texts
52H	Identify Sensory Details
F94	Distinguish Facts from Opinions
DXX	Which Definition Matches the Sentence?
AJK	Is the Sentence Declarative, Interrogative, Imperative, or Exclamatory?
EQF	Identify the Simple Subject or Simple Predicate
7SV	Is It a Complete Sentence or a Fragment?
KSA	Form and Use Plurals: Review

**Incoming 7<sup>th</sup> graders are to complete 7<sup>th</sup> grade IXLs:**

Search Letters	IXL Topic
DB7	Determine the Main Idea of a Passage
QQS	Determine the Themes of Short Stories
UVJ	Distinguish Facts from Opinions

<b>UBQ</b>	<b>Use Personification</b>
<b>QAU</b>	<b>Find Words Using Context</b>
<b>QSP</b>	<b>Form and Use Plurals: Review</b>
<b>WLM</b>	<b>Use the Pronoun that Agrees with the Antecedent</b>
<b>35T</b>	<b>Choose Between Subject and Object Pronouns</b>
<b>9ML</b>	<b>Good, Better, Best, Bad, Worse, and Worst</b>

**Incoming 8<sup>th</sup> graders are to complete 8<sup>th</sup> grade IXLs:**

<b>Search Letters</b>	<b>IXL Topic</b>
<b>TH7</b>	<b>Determine the Main Idea of a Passage</b>
<b>XL9</b>	<b>Identify the Narrative Point of View</b>
<b>LSW</b>	<b>Distinguish Facts from Opinions</b>
<b>RTX</b>	<b>Use Personification</b>
<b>FD7</b>	<b>Use Context to Identify the Meaning of the Word</b>
<b>HPN</b>	<b>Is it a complete sentence, a fragment, or a run on?</b>
<b>6E8</b>	<b>Form and Use Plurals: Review</b>
<b>SXR</b>	<b>Choose Between Subject and Object Pronouns</b>
<b>YH5</b>	<b>Is it a Direct Object or Indirect Object</b>
<b>5LC</b>	<b>Commas with Series, Dates, and Places</b>

### **Math IXLs**

**\*All IXL sections must be completed to 100%**

**Incoming 6<sup>th</sup> graders are to complete 6<sup>th</sup> grade IXLs:**

<b>Search Letters</b>	<b>IXL Topic</b>
<b>9CP</b>	<b>Prime Factorization</b>
<b>AMB</b>	<b>Greatest Common Factor</b>
<b>NGA</b>	<b>Least Common Multiple</b>
<b>AWS</b>	<b>Add and Subtract Fractions with Unlike Denominators</b>
<b>TPZ</b>	<b>Add and Subtract Mixed Numbers</b>
<b>KJF</b>	<b>Multiply Three or More Fractions and Whole Numbers</b>
<b>Z9M</b>	<b>Multiply Mixed Numbers</b>
<b>DS2</b>	<b>Divide Fractions</b>
<b>N2B</b>	<b>Divide Fractions and Mixed Numbers</b>
<b>ZM6</b>	<b>Add Integers</b>
<b>WQ6</b>	<b>Subtract Integers</b>
<b>J6V</b>	<b>Multiply Integers</b>
<b>JZC</b>	<b>Divide Integers</b>

**Incoming 7<sup>th</sup> graders are to complete 7<sup>th</sup> grade IXLs:**

<b>Search Letters</b>	<b>IXL Topic</b>
5ZF	Add, Subtract, Multiply, or Divide Two Decimals
M2D	Convert Fractions or Mixed Numbers to Decimals
8XE	Convert Decimals to Fractions or Mixed Numbers
NGL	Add and Subtract Fractions
PDK	Multiply Fractions
X7A	Divide Fractions
BFA	Understanding Exponents
67F	Solve Percent Equations
BL7	Percent of Change
29D	Estimate Percent of Numbers
QEB	Solve Two Step Equations
VSW	Solve Equations Involving Like Terms
QWH	Solve One Step Inequalities
XGQ	Solve Two Step Inequalities

**Incoming 8<sup>th</sup> graders are to complete 8<sup>th</sup> grade IXLs:**

<b>Search Letters</b>	<b>Topic:</b>
WGS	Evaluate Powers with Negative Exponents
AEQ	Powers: Integer Bases
9RS	Square Roots of Perfect Squares
JMG	Find What Percent of a Number Is of Another
ZGA	Percents of Numbers and Money Amounts
7ZL	Pythagorean Theorem: Find the Hypotenuse
Y9C	Pythagorean Theorem: Find the Missing Leg
HZZ	Solve Equations: Mixed Review
BSF	Solve One Step Inequalities
TMX	Graph Solutions to One Step Inequalities
LR2	Perimeter
ZZY	Area
ZAC	Find the Slope Given Two Points