

# MIDDLE SCHOOL



# LEARNING

For Students Entering 6<sup>th</sup> through 8<sup>th</sup> Grade in 2021-2022

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 15 assigned IXLs for Math and 10 for Language Arts (Total of 25 IXLs).
- All IXLs must reach 100.
- A chart with IXLs will be included with this packet.
- IXLs are due no later than **Tuesday, August 17<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 27<sup>th</sup>**. The books for each grade level are as follows:

- 6<sup>th</sup> grade: *Fish in a Tree* by Lynda Mullaly Hunt
- 7<sup>th</sup> grade: *Insignificant Events in the Life of a Cactus* by Dusti Bowling
- 8<sup>th</sup> 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 18<sup>th</sup>**. Points will be deducted for late work.

Reminder of Important Due Dates:

1. IXLs are due **Tuesday, August 17<sup>th</sup>**
2. Vocabulary words are due **Wednesday, August 18<sup>th</sup>**
3. Summer Book/Vocabulary test **Friday, August 27<sup>th</sup>**

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

Many Blessings Always,

Natalia Couto, Language Arts Teacher

Marcia Cuba, Math Teacher

## Vocabulary Words

Entering Grade 6	Entering Grade 7	Entering Grade 8
1. bulky	1. wail	1. spry
2. stall	2. despair	2. paunch
3. squint	3. traumatize	3. ecstatic
4. rile	4. privy	4. squander
5. inappropriate	5. deliberately	5. raucous
6. blurt	6. scowl	6. amnesia
7. churn	7. entice	7. coddle
8. absolute	8. grimace	8. alcove
9. mumble	9. skitter	9. query
10. rake	10. spur	10. nonchalant
11. deploy	11. reassure	11. bewildered
12. coincidence	12. dexterous	12. ruckus
13. mimic	13. tendency	13. crescendo
14. exasperated	14. secluded	14. tentative
15. deflate	15. senile	15. diatribe
16. holster	16. partial	16. phony
17. trudge	17. chronic	17. coax
18. trigger	18. tumor	18. glower
19. impressive	19. psychic	19. finesse
20. halt	20. callus	20. guffaw
21. flaw	21. forlorn	21. counterfeiting
22. expectation	22. vaguely	22. humiliate
23. medieval	23. rummage	23. antiseptic
24. guzzle	24. dementia	24. dubiously
25. imply	25. exasperation	25. reluctantly

## Language Arts IXLs

\*All IXL sections must be completed to 100%

\*If an IXL number changes over the summer, refer to the topic title

**Incoming 6<sup>th</sup> graders are to complete 7<sup>th</sup> grade IXLs:**

IXL	IXL Topic
C.1	Identify Author's Purpose
D.2	Match Causes and Effects in Informational Texts
E.1	Identify Sensory Details
K.2	Distinguish Facts from Opinions
S.2	Which Definition Matches the Sentence?
Y.1	Is the Sentence Declarative, Interrogative, Imperative, or Exclamatory?
Y.3	Identify the Simple Subject or Simple Predicate
Y.5	Is It a Complete Sentence or a Fragment?
AA.1	Form and Use Plurals: Review

**Incoming 7<sup>th</sup> graders are to complete 8<sup>th</sup> grade IXLs:**

IXL	IXL Topic
A.1	Determine the Main Idea
B.2	Determine the Theme of Short Stories
K.2	Distinguish Facts from Opinions
M.1	Use Personification
W.1	Find Words Using Context
BB.1	Form and Use Plurals: Review
CC.2	Use the Pronoun that Agrees with the Antecedent
DD.1	Choose Between Subject and Object Pronouns
HH.7	Good, Better, Best, Bad, Worse, and Worst

**Incoming 8<sup>th</sup> graders are to complete 9<sup>th</sup> grade IXLs:**

IXL	IXL Topic
A.1	Determine the Main Idea
C.1	Identify the Narrative Point of View
H.1	Distinguish Facts from Opinions
J.1	Use Personification
U.3	Use Context to Identify the Meaning of the Word
W.3	Identify Run-On Sentences
Y.1	Form and Use Plurals: Review
Z.2	Subject and Object Pronoun Review
FF.1	Misplaced Modifiers with Pictures
HH.2	Commas with Series, Dates, and Places

## Math IXLs

\*All IXL sections must be completed to 100%

\*If an IXL number changes over the summer, refer to the topic title

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

Topic:	Section:
Prime Factorization	E5
Greatest Common Factor	E7
Least Common Multiple	E9
Add and Subtract Fractions with Unlike Denominators	J3
Add and Subtract Mixed Numbers	J6
Multiply Three or More Fractions and Whole Numbers	K10
Multiply Mixed Numbers	K13
Divide Fractions	L5
Divide Fractions and Mixed Numbers	L7
Put Integers in Order	M7
Add Integers	N3
Subtract Integers	N4
Multiply Integers	N9
Divide Integers	N11
Evaluate Numerical Expressions Involving Integers	O11

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

Topic:	Section:
Add, Subtract, Multiply, and Divide Fractions and Mixed Numbers Word Problems	G16
Convert Fractions or Mixed Numbers to Decimals	H1
Convert Decimals to Fractions or Mixed Numbers	H2
Add and Subtract Rational Numbers	H10
Multiply and Divide Rational Numbers	H15
Evaluate Exponents	I2
Evaluate Negative Exponents	I7
Solve Proportions: Word Problems	J12
Solve Percent Equations	L7
Multi-Step Problems with Percents	M10
Solve Two Step Equations	S6
Solve Equations Involving Like Terms	S8
Solve One Step Inequalities	T4
Graph Solutions to One Step Inequalities	T5

Solve Two Step Inequalities	T6
Graph Solutions to Two Step Inequalities	T7

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

<b>Topic:</b>	<b>Section:</b>
Evaluate Negative Exponents	F7
Multiplication and Division with Exponents	F10
Power Rule	F11
Square Roots / Perfect Squares	F15
Solve Proportions: Word Problems	H7
Solve Percent Equations	J9
Percent of Change	J10
Percent of a Number: Tax, Discount, and More	K5
Find the Percent: Tax, Discount, and More	K6
Pythagorean Theorem: Find the Hypotenuse	R1
Pythagorean Theorem: Find the Missing Leg	R2
Solve Equations: Mixed Review	W12
Solve Multi-Step Inequalities	X8
Graph Solutions to Multi-Step Inequalities	X9
Add and Subtract Polynomials	BB4
Multiply Polynomials	BB12