

MIDDLE SCHOOL



LEARNING

For Students Entering 6th through 8th Grade in 2022-2023

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 **Tuesday, August 16th**. 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 26th**. The books for each grade level are as follows:

- 6th grade: *Fish in a Tree* by Lynda Mullaly Hunt
- 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. 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 17th. Points will be deducted for late work.

Reminder of Important Due Dates:

1. IXLs are due **Tuesday, August 16th**
2. Vocabulary words are due **Wednesday, August 17th**
3. Summer Book/Vocabulary test **Friday, August 26th**

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 6th graders are to complete 6th grade IXLs:

IXL	IXL Topic
C.3	Identify Author's Purpose
D.2	Match Causes and Effects in Informational Texts
E.1	Identify Sensory Details
K.1	Distinguish Facts from Opinions
R.2	Which Definition Matches the Sentence?
X.1	Is the Sentence Declarative, Interrogative, Imperative, or Exclamatory?
X.3	Identify the Simple Subject or Simple Predicate
X.5	Is It a Complete Sentence or a Fragment?
Y.4	Form and Use Plurals: Review

Incoming 7th graders are to complete 7th 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
V.1	Find Words Using Context
AA.1	Form and Use Plurals: Review
BB.2	Use the Pronoun that Agrees with the Antecedent
CC.1	Choose Between Subject and Object Pronouns
GG.7	Good, Better, Best, Bad, Worse, and Worst

Incoming 8th graders are to complete 8th grade IXLs:

IXL	IXL Topic
A.1	Determine the Main Idea
E.2	Identify the Narrative Point of View
K.2	Distinguish Facts from Opinions
M.1	Use Personification
W.4	Use Context to Identify the Meaning of the Word
Z.7	Is it a complete sentence, a fragment, or a run on?
BB.1	Form and Use Plurals: Review
DD.1	Choose Between Subject and Object Pronouns
JJ.1	Is it a Direct Object or Indirect Object
NN.1	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 6th graders are to complete 6th grade IXLs:

Topic:	Section:
Prime Factorization	E7
Greatest Common Factor	E8
Least Common Multiple	E10
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
Add Integers	N3
Subtract Integers	N6
Multiply Integers	N13
Divide Integers	N15
Evaluate Numerical Expressions Involving Integers	O13
Convert between Decimals, Fractions, & Percents	S4
Percents of Numbers and Money	S10
Find What Percent One Number is of Another	S13
Find the Total Given a Part and a Percent	S15

Incoming 7th graders are to complete 7th 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	H11
Multiply and Divide Rational Numbers	H17
Expressions Involving Exponents	I7
Solve Proportions: Word Problems	J12

Solve Percent Equations	L8
Multi-Step Problems with Percents	M10
Solve Two Step Equations	S7
Solve Equations Involving Like Terms	S9
Solve One Step Inequalities	T4
Graph Solutions to One Step Inequalities	T5
Solve Two Step Inequalities	T7
Graph Solutions to Two Step Inequalities	T8
Compare and Convert Customary Units	O3
Percent of a Number	M6
Find the Percent	M8

Incoming 8th graders are to complete 8th grade IXLs:

Topic:	Section:
Evaluate Negative Exponents	D7
Multiplication and Division with Exponents	D10
Power Rule	D11
Solve Proportions: Word Problems	J10
Solve Percent Equations	L9
Percent of Change	L10
Percent of a Number: Tax, Discount, and More	M5
Find the Percent: Tax, Discount, and More	M6
Pythagorean Theorem: Find the Hypotenuse	T1
Pythagorean Theorem: Find the Missing Leg	T2
Solve Equations: Mixed Review	Y17
Solve Multi-Step Inequalities	Z8
Graph Solutions to Multi-Step Inequalities	Z9
Add and Subtract Polynomials	DD4
Multiply Polynomials	DD12
Convert a Linear Equations to Slope Intercept	AA12
Find the Slope Given Two Points	AA2
Find the Solution to a System Using any Method	CC12