

Dear Incoming 6th Grade Students,

Welcome to Middle School this fall.

This year's summer reading novel will be *The Cay* by Theodore Taylor. As you read the novel, identify the main character and the setting. Keep in mind the obstacles or conflicts the main character faces. Literature class in the fall will begin with discussing and analyzing *The Cay* in depth.

For your summer writing assignment, you are to:

Describe the two main characters – Phillip and Timothy. In a paragraph format of at least 5 sentences -tell a little about Phillip; then in a second paragraph – tell a little about Timothy. A character description can include physical traits as well as personality traits.

Next, **describe the setting** (setting includes time and place). Most of the story takes place on a small cay and it is set during WWII. Describe the place aspect of the setting using direct evidence from the story and in your own words. You may also include weather in your description if you choose.

Finally, **describe one of the conflicts (problems) the characters face** in the story. This can be done in 2 paragraphs (about 8-10 sentences). Some questions you may want to answer after you describe the problem can include: Was the conflict resolved by the end of the story? If so, how was it resolved? Did the character change by the end of the story as a result of facing this conflict and if so, how did he change? Remember there are many conflicts (problems) the character needs to overcome but you only have to focus on one of the conflicts.

Please bring your written assignment about *The Cay* with you on the second day of school.

Your math practice work for this summer is as follows:

Be sure to practice your math skills on IXL.com as they are outlined below. We ask that you **complete 30 minutes of online practice of math skills a week**, for 4 weeks this summer, starting on July 29th. Of course, you may practice more if you wish! Select skills in which you would benefit from the practice, not skills that you have already mastered. You are not required to complete every skill listed each week. Remember, we can see what and how much you do and will be celebrating your success! The online practice will equate to a Quiz Grade. Practice will help you on your MAPS testing, too! REMEMBER TO SIGN OUT AFTER EACH SESSION!

Week 1 Number Sense

A. Whole numbers and place value

- 1 Convert between standard and expanded form
- 2 Place value
- 3 Relationship between place values
- 4 Write numbers in words
- 5 Spell word names for numbers up to one million
- 6 Roman numerals I, V, X, L, C, D, M

B. Addition and subtraction

- 1 Estimate sums and differences of whole numbers

- 2 Estimate sums and differences: word problems
- 3 Add and subtract whole numbers up to billions
- 4 Add and subtract whole numbers: word problems
- 5 Complete addition and subtraction sentences
- 6 Properties of addition
- 7 Add using properties

Week 2 Multiplication

D. Multiplication

- 1 Multiplication patterns over increasing place values
- 2 Multiply numbers ending in zeros
- 3 Multiply numbers ending in zeros: word problems
- 4 Multiply a whole number by a power of ten
- 5 Estimate products
- 6 Estimate products: word problems
- 7 Multiply by 1-digit numbers
- 8 Multiply by 1-digit numbers: word problems
- 9 Multiply by 2-digit numbers: complete the missing steps
- 10 Multiply 2-digit numbers by 2-digit numbers
- 11 Multiply 2-digit numbers by 3-digit numbers
- 12 Multiply 2-digit numbers by larger numbers
- 13 Multiply by 2-digit numbers: word problems
- 14 Multiply by 3-digit numbers
- 15 Properties of multiplication
- 16 Multiply using properties
- 17 Choose numbers with a particular product
- 18 Compare products of whole numbers

Week 3 Division

E. Division

- 1 Division patterns over increasing place values
- 2 Divide numbers ending in zeros
- 3 Divide numbers ending in zeros: word problems
- 4 Estimate quotients: 2-digit divisors
- 5 Estimate quotients
- 6 Divide multi-digit numbers by 1-digit numbers
- 7 Divide by 1-digit numbers: interpret remainders
- 8 Divide multi-digit numbers by 1-digit numbers: word problems
- 9 Divide by 2-digit numbers using models
- 10 Divide by 2-digit numbers using partial quotients
- 11 Divide 2-digit and 3-digit numbers by 2-digit numbers
- 12 Divide 2-digit and 3-digit numbers by 2-digit numbers: word problems
- 13 Divide 4-digit numbers by 2-digit numbers
- 14 Divide 4-digit numbers by 2-digit numbers: word problems
- 15 Adjust quotients
- 16 Relate multiplication and division
- 17 Complete the division sentence: 2-digit divisors

18 Choose numbers with a particular quotient

Week 4 Fractions

J. Fractions and mixed numbers

- 1 Fractions review
- 2 Equivalent fractions
- 3 Write fractions in lowest terms
- 4 Convert between improper fractions and mixed numbers
- 5 Least common denominator
- 6 Round mixed numbers
- 7 Reciprocals

K. Compare fractions

- 1 Graph and compare fractions on number lines
- 2 Compare fractions using benchmarks
- 3 Compare fractions and mixed numbers
- 4 Put fractions in order

L. Add and subtract fractions

- 1 Estimate sums and differences of fractions using benchmarks
 - 2 Add fractions with unlike denominators using models
 - 3 Add fractions with unlike denominators
 - 4 Subtract fractions with unlike denominators using models
 - 5 Subtract fractions with unlike denominators
- New! Add and subtract fractions with unlike denominators
- 6 Add and subtract fractions with unlike denominators: word problems
 - 7 Add 3 or more fractions with unlike denominators
 - 8 Add 3 or more fractions: word problems
 - 9 Complete addition and subtraction sentences with fractions
 - 10 Compare sums and differences of fractions

Enjoy your summer break and the middle school team looks forward to seeing you on August 28th, our first day back at school.