

Summer 2024

Dear Parent(s) and Students,

Welcome to 5th Grade! Fifth grade is a transition grade in which you will mature and prepare to become a Middle School Student! You will learn lots of interesting concepts and skills to enable you to be successful. You will learn about people and places of our nation's past in Social Studies, about nature and energy in Science, and the Sacraments and Mass in Religion class.

You should practice your Multiplication and Division Facts for the start of fifth grade. They will assist you in completing your best work!

Be sure to practice your math skills on IXL.com as they are outlined. We ask that you complete 30 minutes of online practice of math skills a week, for 4 weeks this summer. 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. 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!

We hope you and your family have some well deserved fun time! You will read The Island of the Blue Dolphins, which is a story about a girl who survives tragic events. It was written by Scott O' Dell, is a classic story that ties into 5th Grade Social Studies and was made into a movie. We will use this and other stories to learn the element of a story as well as how to write a book report. It is available at bookstores and libraries as well as read-alouds online.

Please complete the essay comparing the main character of Island of the Blue Dolphins with the main character of a novel you have read in 4th grade as outlined in the attached hand out. You should be prepared to complete assignments and talk about the book. The grades earned on these activities will be part of your Reading grade for the first trimester report card.

Have a terrific summer with family and friends! You can email me with questions: Mcholette@sjsf.dfrcs.org

Sincerely,

Mr. Cholette

Your summer writing assignment is to compare the main character of Island of the Blue Dolphins to the main character of a novel you read recently. Please tell me how they are alike and different. You will write this in paragraphs using proper form, topic and detail sentences, complete thoughts, capitals, and punctuation. You should check your spelling and grammar too. You can type it on a Google Doc or type it on a word document and share it at the start of the school year.

Use this table as a planning guide to help you plan your essay.

Find detail in the stories and write them here to use them in your essay.

	Karana (Island of Blue Dolphins	Main character from your story
gender/ age		
When/ where lived		
Ethnic back- ground Family or family group		
Physical looks etc. Character traits ? Responsible Mature Helpful Kind etc.		

Friends/ pets		
Type of home/ place they live in		
Chores, jobs or hobbies they do		
Problem(s) and difficult situations they must face		
How do they solve the problem?		
What happens to them in the end?		

What You Should Put in Your Essay

First Paragraph

You need a topic sentence for your essay's first paragraph.

Something like- I will tell you how _____ and _____ are similar and different. Or

_____ and _____ are two characters with similarities and differences.

Your first paragraph should name who the characters are that you are comparing and what story/ book they are in.

You may want to tell their gender, their age, personalities and where they lived.

You may want to write a sentence for each story giving the main story line.

Example:

Nick Allen is a fifth grader who says that a pen is a "frindle."

Second Paragraph

Your second paragraph may want to tell how the 2 characters are alike in many ways. You will need a topic sentence that says this.

Use examples from your table/ the 2 stories in several detail sentences to explain this.

Third Paragraph

Your third paragraph may want to tell how the 2 characters are different in many ways.

You will need a topic sentence to say this.

Use examples from your table/ the 2 stories in several detail sentences to explain this. You may use more than 3 paragraphs if you need to.

When you are done go back and reread your essay.

Did you:

___ Use proper paragraph form? Did you indent/ use margins?

___ Organize your thoughts into at least 3 paragraphs?

___ Use topic and detail sentences?

___ Use complete thoughts?

___ Use capitals and punctuation?

___ Check spelling and grammar?

___ Use enough detail from the story?

___ Use enough detail from your table?

___ Put your name on it?

___ Neatly type it size 14 font and Times New Roman?

Be ready to bring it in to share the first week of school!

In terms of mathematics summer practice, beginning four weeks before the start of school (July 29th), please complete 30 minutes of fourth-grade IXL a week. Please see below for an outline of suggested activities, all of which are under fourth-grade mathematics skills. It is not mandatory to complete all of these per week, but please select a few in the areas where you feel you need more practice.

Again, 30 minutes a week is the requirement, not the completion of all the skills listed below. Your practice will count as a Math Quiz Grade. Of course, you are welcome to complete more than thirty minutes of practice, but please remember to enjoy your summer break.

Suggestions:

Don't forget: log out each session to get credit!

Practice IXL Skills at the 4th grade Level, or at the Fifth Grade Level if you want a challenge!

Week 1

A. Place value

- 1 Place value models
- 2 Place value names
- 3 Relationship between place values
- 4 Value of a digit
- 5 Convert between standard and expanded form
- 6 Writing numbers up to one million: convert between words and digits
- 7 Spell word names for numbers up to one million
- 8 Writing numbers up to one billion: convert between words and digits
- 9 Place value word problems
- 10 Convert between place values
- 11 Place value review

B. Ordering and comparing

- 1 Compare numbers up to one millions
- 2 Compare numbers up to one billion
- 3 Compare numbers in tables
- 4 Order numbers up to one million
- 5 Find the order

C. Rounding

- 1 Rounding: up to hundred thousands place
- 2 Rounding: up to millions place
- 3 Round a number to any place: up to hundred thousands
- 4 Rounding input/output tables
- 5 Rounding puzzles

D. Addition

- 1 Estimate sums
- 2 Estimate sums: word problems
- 3 Add two multi-digit numbers
- 4 Add two multi-digit numbers: word problems
- 5 Properties of addition
- 6 Add 3 or more numbers up to millions
- 7 Addition: fill in the missing digits
- 8 Choose numbers with a particular sum

E. Subtraction

- 1 Estimate differences
- 2 Estimate differences: word problems
- 3 Subtract two multi-digit numbers
- 4 Subtract two multi-digit numbers: word problems
- 5 Subtraction: fill in the missing digits
- 6 Choose numbers with a particular difference

F. Multiplication

- 1 Multiplication facts to 10
- 2 Multiplication facts to 10: find the missing factor
- 3 Multiplication facts to 12
- 4 Multiplication facts to 12: find the missing factor
- 5 Properties of multiplication
- 6 Distributive property: find the missing factor
- 7 Compare numbers using multiplication
- 8 Compare numbers using multiplication: word problems
- 9 Comparison word problems: addition or multiplication?
- 10 Choose numbers with a particular product

G. Factors and multiples

- 1 Divisibility rules
- 2 Divisibility rules: word problems
New! Understand factors and factor pairs
- 3 Identify factors
- 4 Find all the factor pairs of a number
- 5 Choose the multiples of a given number up to 10
- 6 Choose the multiples of a given number up to 12
- 7 Prime and composite: up to 20
- 8 Prime and composite: up to 100

H. Multiply by one-digit numbers 1-19

- 1 Multiplication patterns over increasing place values
To # 19
- 19 Multiply three numbers

Week 2

I. Multiply by 2-digit numbers # 1-14

- 1 Multiply by 10 or 100
- 14 Use 1 multiplication fact to complete another

J. Division # 1 to 6

- 1 Division facts to 10
- 6 Choose numbers with a particular quotient

K. Divide by one-digit numbers # 1-15

- 1 Division patterns over increasing place values
- 16 Estimate to compare quotients

L. Division word problems

- New! Divide numbers ending in zeros by 1-digit numbers: word problems

- 1 Divide 2-digit numbers by 1-digit numbers: interpret remainders
- 2 Divide 2-digit numbers by 1-digit numbers: word problems
- 3 Divide larger numbers by 1-digit numbers: interpret remainders
- 4 Divide larger numbers by 1-digit numbers: word problems

M. Mixed operations # 1-12

- 1 Add and subtract numbers ending in zeros
Solve equations

New! Use equations to solve addition and subtraction word problems
New! Understand parentheses in equations

N. Multi-step word problems #1-8

- 1 Multi-step addition and subtraction word problems
- 8 Solve word problems using guess-and-check

O. Patterns and sequences #1-13

1. Use a rule to complete a number pattern
2. 3 Input/output tables with addition, subtraction, multiplication, and division

P. Equivalent fractions #1-10

- 1 Fractions of a whole: word problems
- 10 Write fractions in lowest terms

Q. Mixed numbers #1-5

- 1 **Identify mixed numbers**
- 5 **Convert between improper fractions and mixed numbers**

P. Equivalent fractions # 1-10

- 1 **Fractions of a whole: word problems**
- 10 **Write fractions in lowest terms**

Q. Mixed numbers # 1-5

- 1 **Identify mixed numbers**
- 2 **Fractions and mixed numbers with denominators of 10 and 100**
- 3 **Convert mixed numbers to improper fractions**
- 4 **Convert improper fractions to mixed numbers**
- 5 **Convert between improper fractions and mixed numbers**

Week 3

R. Compare and order fractions

1 to 14

1 Compare fractions with like numerators or denominators using models

14 Order fractions

New! **Compare mixed numbers**

S. Understand fraction addition and subtraction # 1 to 11

1 Decompose fractions into unit fractions using models

11 Add and subtract fractions with like denominators using number lines

T. Add and subtract fractions with like denominators # 1 to 14

1 Add fractions with like denominators

New! **Add and subtract mixed numbers with like denominators in recipes**

11 Add and subtract mixed numbers with like denominators: word problems

U. Add and subtract fractions with unlike denominators # 1 to 7

1 Add fractions: denominators 10 and 100

7 Add and subtract fractions with unlike denominators: word problems

Y. Decimals

- 1 Place value models for decimal numbers
- 2 Place values in decimal numbers
- 3 Relate decimals and money
- 4 Convert decimals between standard and expanded form using fractions
- 5 Understanding decimals expressed in words
- 6 Compare decimals using models
- 7 Compare decimals on number lines
- 8 Compare decimal numbers
- 9 Compare decimals and fractions
- 10 Put decimal numbers in order I
- 11 Put decimal numbers in order II

Z. Add and subtract decimals

- 1 One-tenth or one-hundredth more or less
- 2 Add decimals using blocks
- 3 Add decimal numbers
- 4 Subtract decimals using blocks
- 5 Subtract decimal numbers
- 6 Add and subtract decimals
- 7 Add and subtract decimals: word problems
- 8 Choose decimals with a particular sum or difference
- 9 Add 3 or more decimals
- 10 Add 3 or more decimals: word problems
- 11 Complete the addition or subtraction sentence
- 12 Inequalities with addition and subtraction
- 13 Solve decimal problems using diagrams
- 14 Number sequences involving decimals

AA. Money

- 1 Count coins and bills - up to \$20 bill
- 2 Count coins /bills word problems - up to \$20 bill
- 3 Compare money amounts
- 4 Add and subtract money amounts
- 5 Find the change, price, or amount paid
- 6 Price lists with addition and subtraction
- 7 Add/subtract/multiply/ divide money amounts
- 8 Multi-step word problems with money: addition and subtraction only
- 9 Multi-step word problems with money

Week 4

BB. Data and graphs

- 1 Read a table
- 2 Interpret line plots
- 3 Create line plots
- 4 Create and interpret line plots with fractions
- 5 Interpret line graphs
- 6 Create line graphs
- 7 Interpret bar graphs
- 8 Create bar graphs
- 9 Interpret frequency charts
- 10 Create frequency charts
- 11 Interpret stem-and-leaf plots
- 12 Create stem-and-leaf plots

CC. Time # 1 to 9

- 1 Convert time units
- 9 Fractions of time units

DD. Customary units of measurement

- 1 Measure using an inch rule
- 2 Which customary unit is appropriate?
- 3 Convert/compare customary units length
- 4 Convert/compare customary units weight
- 5 Convert/compare customary units volume
- 6 Convert and compare customary units
- 7 Conversion tables - customary units
- 8 Compare customary units by multiplying
- 9 Convert mixed customary units
- 10 Add and subtract mixed customary units

GG. Perimeter

- 1 Perimeter of polygons
- 2 Perimeter: find the missing side length
- 3 Find the perimeter of rectangles using formulas
- 4 Perimeter: word problems

HH. Area # 1 to 11

- 1 Create rectangles with a given area
- 11 Use area and perimeter to determine cost

II. Lines and angles

- 1 Points, lines, line segments, rays, and angles
- 2 Parallel, perpendicular, and intersecting lines
- 3 Identify parallel, perpendicular, and intersecting lines

JJ. Angle measurement # 1 to 9

- 1 Acute, right, obtuse, and straight angles
- 9 Adjacent angles

LL. Quadrilaterals # 1 to 9

- 1 Parallel sides in quadrilaterals
- 9 Draw quadrilaterals

MM. Symmetry

- 1 Identify lines of symmetry
- 2 Draw lines of symmetry
- 3 Count lines of symmetry