



5TH GRADE SUMMER WORK

MATH

Dear Rising 5th Grade Parents,

We are writing to let you know some important information about the summer math work the students will do in preparation for next year.

We are very much looking forward to helping each of you reach your individual potential next year. This summer's math assignment will once again be **ALEKS**, a research-based online math program designed to help students fulfill their summer math requirement. Your child will have the opportunity to use this amazing program that uses artificial intelligence and adaptive questioning to assess a student's knowledge in math and deliver individualized instruction based on what the student is **most ready to learn**. Your child can use ALEKS at home, school, or anywhere with a computer and Internet connection – it is compatible with the iOS system on iPads as well! In addition to making math a more exciting and enriching experience, ALEKS offers a more personalized learning experience by providing a highly-individualized learning path specific to each student's academic ability. This individualized path builds tremendous learning momentum, helping students achieve success and confidence in their math abilities.

The school will be pre-registering your student and you will receive a letter with information on how to access the program along with your child's individual user name and log-in when you pick up your child's report card and ITBS scores between June 11th and 14th. Each student will be required to complete between 10-11 hours of time within **ALEKS** over the summer months. Also, we will be doing an in-class orientation with the students to help get them prepared for this platform. We will be monitoring their progress over the summer and will be in communication if need be.

We think you will find the ALEKS program to be very beneficial and easy to use!

Click on the link here to access the ALEKS Summer Math Tutorial videos: [LINK](#)



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READING

Welcome (almost) Fifth-Graders!

You are asked to read **two books** this summer. Please carefully review the instructions below and follow the directions so you know what is expected of you. Both assignments are due on the **first day** of school!

1.) Your choice!

Select any chapter book (at least 150 pages long). It may be fiction or nonfiction. Please **draw and color** your favorite scene from the book you have chosen. Be sure to include a short caption explaining the scene. Also, record the book title and author (along with your name) on your sheet.

2.) *Wishtree* by Katherine Applegate

“Reflect” on *Wishtree*. To reflect means to think about it seriously. Then **answer the following plot and character questions** in a Google document. Be sure to use your Park Maitland student Google account and the document format (heading and subtitles) below. Please use complete sentences to answer all questions.

Your Name

ELA/Rising 5th

Wishtree Assignment

Plot Questions:

What was the main problem or conflict in the story?

Which event in the story personally affected you the most?

What was the turning point or climax of the story, and why was it important?

What was the resolution (ending of the conflict) in the story?



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READING

Character Questions:

Discuss Red's comment: "Making others feel safe is a fine way to spend your days" (p. 26). How does the tree make others feel safe? What does this comment tell you about the personality of the tree?

Why do the animals feel comfortable with Samar? What qualities does she have that make the animals trust her? Why might these qualities make it harder for her to make friends with other children?

Red compares the neighborhood to a garden, "wild and tangled and colorful" (p. 54). What exactly does the tree mean when making this comparison?

Why do you think the neighborhood was not welcoming to Samar's family?

3) Extended Research.

(Please pick one and briefly write about what you find.)

The Science of Trees

Use your iPad to look up information about *Quercus rubra*, the red oak tree. What qualities of this type of tree make it a good choice for this story? How many facts about the red oak tree can you discover? Write a paragraph about the unique characteristics of a red oak tree and why it fits this story.

The Power of Wishing

Use your iPad to research the history of wishing trees in various cultures. Name at least three ways that people have used wishing trees throughout history. What is the importance of these trees for the people who bring wishes to them?

Happy Reading!

Summer ESW Bingo

This summer you have the opportunity to earn Bingo by getting five squares in a row (down, up, across, or diagonal). On the first day of school, you can turn in your Bingo card (with the assignments attached) for a prize. You can also fill in all of the squares for an extra special prize!

B	I	N	G	O
Create a rhyming poem about something you love to do.	Diagram the sentence: We were swimming in the pool.	Interview a family member and write up a summary of what you found out.	Describe your favorite place you visited this summer.	List a word for each part of speech: noun, adjective, adverb, and verb.
Write a story with an animal as a main character.	Write a poem about something red.	Write a review of a movie you watched.	Write about your favorite 4th grade writing assignment.	Write a summary for a book you have read.
Pick ten adjectives to describe yourself.	Record five details about a proud moment in your life.	Free Space	List your ten favorite things.	Diagram the sentence: She and I are friends.
Make up an alternative ending to a well-known fairytale.	Make up a word and write its definition.	Make up a joke.	Make up a holiday and write about it.	Make up a fake superhero and explain how he/she got their powers.
Diagram the sentence: The strange bug slowly climbed the tall fence.	List ten books that you have enjoyed reading.	Diagram the sentence: The small girl nervously grabbed the microphone.	Draw a summer vacation comic strip.	List ten verbs that include actions you have done within the last two days.