

30 Day Challenge!



Do you want to make sure your child remembers all the information that they learned this year???



Do you want a free and fun way to work with your child on the standards they have learned???

The 30 Day Challenge was created to give students an opportunity to review the standards that they have learned throughout the year, while working towards earning a fun incentive.

The Writing 30 Day Challenge and the Math 30 Day Challenge will be available on the school website throughout the summer. Each challenge will include a list of 40 options for the students to choose from. For 30 days, the students must complete one task of their choosing from Writing and one task from Math. Students that complete **both** the Writing and the Math challenges and return the completed, initialed challenge work will be invited to attend a pizza party.

The goal of the 30 Day Challenge is to assist students in retaining the information learned throughout the school year. Each task will challenge the students to stretch their thinking. The Writing tasks are to encourage students to use their understanding of the writing process and thoroughly answer writing prompts. Throughout the Math tasks, students will be asked to answer a question and explain their reasoning. This will require students to answer all questions completely and include a written explanation of the steps they took and why. Students should keep their work in a writing/math journal. You may choose to keep one large journal divided into two sections, or two separate journals.

The first week of school, students will be asked to bring their 30 Day Challenge in and their new classroom teacher will check it for completion. **All students that have completed the challenge for Writing and Math will be invited to attend a pizza party at the beginning of the year!** Hope to see you there!

***The 30 Day Challenge is available on the Lake Joy Elementary website

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Writing

Directions: Complete this challenge sheet if you will be entering 5th grade in the fall. For each activity listed below, you must have a beginning, middle and an end for your entry. Use as many descriptive and transition words as you can in your writing. Include the activity number and date at the top of each journal entry in your notebook. Have fun keeping your journal!

Activity #	Date	Standard	Task	Parent Initials
1.		ELA CC4W3	Summertime is great for the outdoors. Go for a walk. Write a story about your walk using at least 5 adjectives to describe what you saw, heard, and or smelled while on your walk..	
2.		ELA CC4W4	Use a THINKING MAP to illustrate the events in a novel you read this summer.	
3.		ELA CC4W2	What is your favorite thing to do when you play inside? Why do you play inside in the summertime?	
4.		ELA CC4W2	If you could go on a summer vacation anywhere in the world, where would you go?	
5.		ELA CC4W2	Make a list of groceries that you think mom or dad should buy for you from the store.	
6.		ELA CC4W2	Tell about an animal you would like to have for a pet.	
7.		ELA CC4W2	What would you do if there was a dragon stuck under your bed?	
8.		ELA CC4W2	What is the funniest thing that you have ever seen?	
9.		ELACC4W2	What is something you would like to learn more about?	
10.		ELA CC4W1	What kind of pet do you think a teacher should get for their classroom?	
11.		ELA CC4W1	What is the best movie you have seen this summer?	
12.		ELA CC4W2	Tell about your favorite book.	
13.		ELA CC4W4	Use a THINKING MAP to illustrate the parts of your favorite fruit.	
14.		ELA CC4W2	Write a poem describing your favorite food using at least 3 similes and 5 adjectives	
15.		ELA CC4W1	Write a poem about what you think next school year will be like.	
16.		ELA CC4W1	What is something you love about yourself and why?	
17.		ELA CC4W2	Using old newspapers and magazines create a collage and write about it!	
18.		ELA CC4W2	Make a list of the things you are most thankful for in your life.	
19.		ELACC4W1	Write a letter to your favorite season telling it why you think it is the best.	
20.		ELA CC4W2	Explain why you think summer vacation should last longer.	
21.		ELA CC4W2	You just won \$1,000,000. Explain what you would do with all of this money!	
22.		ELA CC4W2	Tell about a time when you were kind to someone.	
23.		ELA CC4W2	Tell about your favorite song.	

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24.		ELA CC4W3	Write a story about the mysterious box that you just found in your bathtub.	
25.		ELA CC4W2	What is something that makes you ANGRY!!!! Why?	
26.		ELA CC4W1	Tell about your favorite sport. Why is it your favorite sport?	
27.		ELACC4W4	Using a THINKING MAP, describe the best movie you have seen this summer.	
28.		ELACC4W2	Write a letter to your teacher last year telling him/her what you will remember about them?	
29.		ELACC4W4	Use a THINKING MAP to categorize the different things you love about summer and why you love them.	
30.		ELACC4W2	Compare and contrast your Dad's driving verses your Mom's driving? What is the same and what is different about the way they drive?	
31.		ELACC4W 2	Compare and contrast your Mom's cooking verses your Dad's? What do you like and dislike for each?	
32.		ELACC4W1	What is your favorite cereal? Write a letter convincing your mom to buy you your favorite cereal.	
33.		ELACC4W3	Pretend that your backyard has become a mysterious island. Write a story about what happened on your first day on the island?	
34.		ELACC4W4	Use a THINKING MAP to describe what things you and your favorite celebrity have in common, and how you are different.	
35.		ELACC4W1	Write a review for your friends of a movie you saw this summer.	
36.		ELACC4W2	Write directions on how to make one of your favorite summer dishes!	
37.		ELACC4W2	Are you going to any camps this summer? Choose a summer camp and write about what you did in the camp.	
38.		ELACC4W2	Write about your day at the beach!	
39.		ELACC4W2	Write about your day at the pool!	
40.		ELACC4W4	Use a THINKING MAP to tell the events of one great day you had this summer.	

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Math

Directions: Listed below are 40 different math challenges that you can choose from. For 30 days throughout the summer, you should choose one challenge a day. To complete each challenge you must do what the challenge states, but also explain your thinking in a math journal. As we return to school, the students that complete the Math 30-Day challenge and the Reading 30-Day challenge will get to attend the first Mt. Carmel Party of the year!

Activity #	Date	Standard	Task	Parent Initials
1.		CCGPS.4.NBT.6	Amy has 726 beads to share with three friends. How many beads will each friend get? Explain.	
2.		CCGPS.4.NBT.6	Carolyn has half as many necklaces as her sister Katie does. Carolyn 28 necklaces, how many does Katie have?	
3.		CCGPS.4.NF.5	Create a model and/or words to explain 0.51	
4.		CCGPS.4.OA.2	Create a grouping picture to show 7×8 . Now create a word problem that goes along with your picture. Solve your problem and explain.	
5.		CCGPS.4.G.3	Draw a line with at least 2 lines of symmetry. Place a dotted line to show their line of symmetry.	
6.		CCGPS.4.OA.5	Draw a model to help explain this problem: Jeff plans to build a fence 95 yards long. He will put a post every 5 yards. Each post costs him \$8. How much will it cost him to buy the posts? Explain.	
7.		CCGPS.4.G.1	Draw and label 3 things in your home with an acute angle. Estimate the angle measurement for each item.	
8.		CCGPS.4.G.2	Explain how a parallelogram and a trapezoid are different. Draw and label a model of each.	
9.		CCGPS.4.OA.4	I am thinking of a number that has 4 factors and is even. What number am I thinking of? Is there any other possible numbers that I'm thinking of? Explain.	
10.		CCGPS.4.OA.2	What models of multiplication could you use to solve 8×4 if you didn't remember the answer. Draw all the models and explain how each model would help you.	
11.		CCGPS.4.OA.4	Name the factors of 82.	
12.		CCGPS.4.NF.7	Place these numbers in order from greatest to least: 52.62; 5.121; 5.9 Explain how you order decimals.	
13.		CCGPS.4.NBT.6	Reece drove 753 miles in one weekend. If he drove for 3 days (Friday, Saturday, and Sunday) how many miles did he drive each day? Explain.	
14.		CCGPS.4.OA.5	The rule is: add 4. If you start at 12, what would be the five numbers of the pattern? Create a table to organize your pattern.	
15.		CCGPS.4.OA.5	The sum of Andy and Mandy's age is 22. The product of their ages is 96. If Andy is older than Mandy, how old is Andy? Explain using equations with a letter representing the unknown.	
16.		CCGPS.4.NF.5	Theresa walks 1.7 miles to school each morning. If she walks the same route home, how far will she walk in a school week? Create a model or table to explain.	
17.		CCGPS.4.NF.5	Explain how you would solve this problem: $\frac{2}{10} + \frac{8}{100}$	
18.		CCGPS.4.MD.3	Using the top of a rectangular table, find the area and perimeter of the top. Draw a model and record your thinking.	

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19.		CCGPS.4.OA.4	What are the factors of 12? What are the multiples of 12? Explain how you solved these.							
20.		CCGPS.4.NF.7	Use the terms below to create number comparisons for the symbols: >, <, = <table><tr><td>$\frac{7}{10}$</td><td>0.27</td><td>$\frac{1}{10}$ + $\frac{60}{100}$</td></tr><tr><td>$\frac{32}{100}$ + $\frac{6}{10}$</td><td>0.89</td><td>$\frac{4}{100}$</td></tr></table>	$\frac{7}{10}$	0.27	$\frac{1}{10}$ + $\frac{60}{100}$	$\frac{32}{100}$ + $\frac{6}{10}$	0.89	$\frac{4}{100}$	
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$\frac{32}{100}$ + $\frac{6}{10}$	0.89	$\frac{4}{100}$								
21.		CCGPS.4.MD.3	Wendy has a garden that is 13 meters in length and 13 meters in width. What is the area of the garden? What is the perimeter? What shape is the garden?							
22.		CCGPS.4.NF.1	Write 3 equivalent fractions to $\frac{1}{4}$. What is an equivalent fraction?							
23.		CCGPS.4.G.1	Draw and label 3 things in your home with an obtuse angle. Estimate the angle measurement for each item.							
24.		CCGPS.4.NF.6	When are decimals necessary? List a situation that uses a decimal besides money.							
25.		CCGPS.4.NF.6	Draw and label a picture of something that creates an angle more than 90° . How do you know that it's more than 90° ?							
26.		CCGPS.4.NF.5	Express this number in at least 3 different ways: 14.32							
27.		CCGPS.4.NF.6	Draw and label a picture of something that creates an angle less than 90° . How do you know that it's less than 90° ?							
28.		CCGPS.4.G.3	How many lines of symmetry does a circle have? Create a model and explain.							
29.		CCGPS.4.NF.5	How do you read a decimal? Use an example and explain.							
30.		CCGPS.4.G.2	What is a quadrilateral? Create a model of 3 different quadrilaterals and label their characteristics.							
31.		CCGPS.4.NF.1	Express this fraction in at least 3 different ways: $\frac{3}{4}$							
32.		CCGPS.4.NF.4	Each pie has 8 slices. If there are 27 students in the class, how many pies do we need? Create a model and explain.							
33.		CCGPS.4.OA.5	The ten's digit of Mr. Murphy's age is an even number. The one's digit is $\frac{1}{3}$ the ten's digit. How old is he? Explain your thinking.							
34.		CCGPS.4.OA.4	List 3 prime factors. How do you know they are prime?							
35.		CCGPS.4.G.2	How are triangles different? Draw and label at least 3 different types of triangles and explain how each model is different.							
36.		CCGPS.4.OA.4	How is a composite number different than a prime number? How are they similar? Give examples of each.							
37.		CCGPS.4.NF.3	Heather spent $\frac{1}{2}$ of her allowance on movie theater tickets. She spent $\frac{1}{3}$ of her allowance on popcorn. How much of her allowance is left? Create a model to explain.							
38.		CCGPS.4.OA.2	How many jumping jacks can you do in one minute? If you kept the same speed, how many jumping jacks can you do in 5 minutes? Explain using repeated addition and words.							
39.		CCGPS.4.OA.3	Create an array for 7×3 . How will the distributive property help you to solve this problem? Explain.							
40.		CCGPS.4.NF.6	Draw and label a picture of something that creates an angle of 180° . How do you know that it's 180° ?							