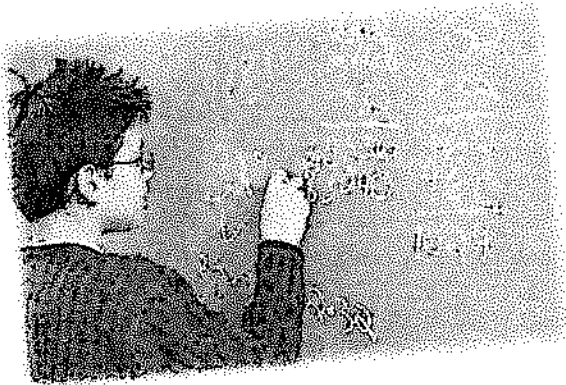
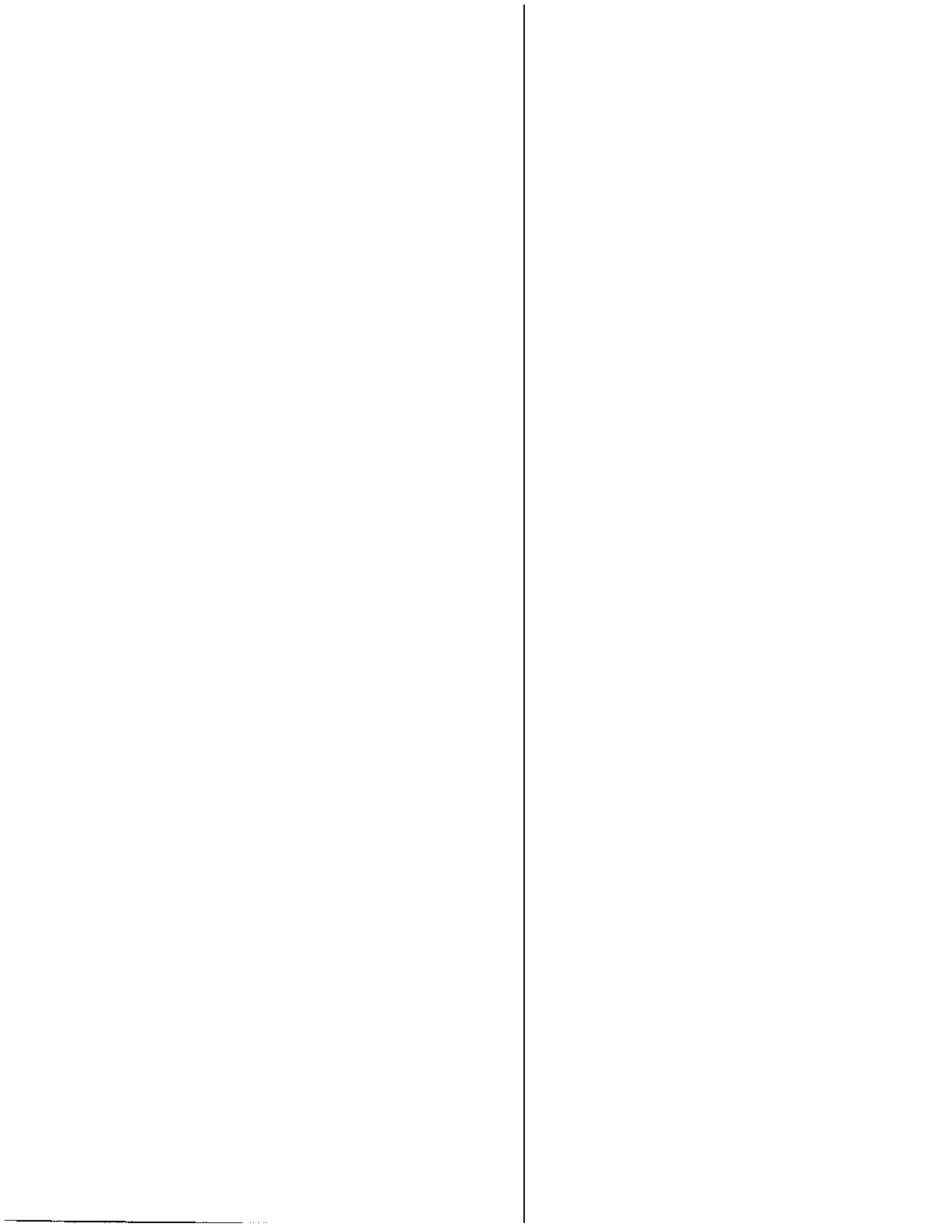


Rock View E S
Summer Calendars



*For Students
Entering
5th Grade*

Name _____





Rock View Elementary School

3901 Denfeld Avenue
Kensington, Maryland 20895
Tel: 240-740-0920 • Fax: 301-962-5986

June 13, 2019

Dear Parents and Guardians:

Summer is here, and the students are looking forward to fun, relaxation, and some time to play. We encourage all of our students to take a well-deserved break, and use this time to relax and recharge. However, we also understand how important it is for students to practice their reading and math skills over the summer. Summer practice will help our students get off to a great start in the fall. With that in mind, we have prepared the attached Reading & Writing and Math Summer Calendars.

Rock View has developed our summer calendars to provide students with opportunities to engage in educational activities that will keep their skills sharp in language arts and mathematics. While these calendars are not required, we encourage your child to participate. Complete all assignments in a summer journal. You can use a composition notebook, spiral notebook, or stapled papers as your summer journal. When you complete an activity have a parent initial the corresponding space on the calendar. Students who complete 16 or more activities from the Reading & Writing Summer Calendar and 24 or more activities from the Math Summer Calendar will be recognized in the fall.

Each journal entry should:

- ✓ Include the number of the calendar activity
- ✓ Have a clear and complete answer
- ✓ Be neat and organized

We strongly recommend that your child complete these packets to help prepare them prepare for the upcoming school year. In an effort to encourage their participation, we have created an incentive program. Students will be recognized for their hard work. By completing both the math and reading packets, your child can earn a special prize in September. For your convenience, over the summer months, the summer packets will also be available on our school website: www.montgomeryschoolsmd.org/schools/rockviewes.

All completed summer journals and calendars with parent initials are to be submitted to your child's teacher by September 6, 2019. Thank you for supporting our efforts to encourage students to keep learning. Have a wonderful summer!

Sincerely,

Kristine Alexander
Principal



Rock View Elementary School

3901 Denfeld Avenue
Kensington, Maryland 20895
Tel: 240-740-0920 • Fax: 301-962-5986

13 de Junio 2019

Estimados Padres,

El verano ya está aquí, y los estudiantes están esperando ansiosamente el tiempo para divertirse, relajarse y jugar. Animamos a todos nuestros estudiantes a que se tomen un descanso bien merecido, y usar este tiempo para recargarse. Sin embargo, también entendemos la importancia de que nuestros estudiantes practiquen sus habilidades de lectura y de matemáticas. Esto ayudara a que los estudiantes tengan un buen comienzo en el otoño. Con esto en mente, nosotros hemos preparado los Calendarios de Verano de Matemáticas, Lectura y Escritura.

Rock View ha creado estos calendarios de verano para brindarles oportunidades a los estudiantes de mantenerse ocupados con actividades educativas que les seguirán desarrollando sus habilidades de lenguaje y matemáticas. Aun y cuando estos calendarios no son requeridos, le recomendamos a su hijo/a a que participe. Complete todas las tareas en un diario de verano. Puede utilizar un cuaderno, libreta u hojas engrapadas como su diario. Cuando complete una actividad, uno de los padres debe poner sus iniciales en el lugar correspondiente en el calendario. Los estudiantes que hayan completado 16 actividades o más del Calendario de Verano de Lectura y Escritura y 24 o más actividades del Calendario de Matemáticas serán reconocidos en el otoño.

Cada anotación en el diario debe:

- ✓ Incluir el número de la actividad del calendario
- ✓ Tener una respuesta clara y completa
- ✓ Ser nítida y organizada

Le recomendamos que su hijo/a complete estos paquetes para ayudarles a prepararse para el nuevo año escolar. En un esfuerzo de animar su participación, hemos creado un programa para incentivar a los estudiantes. Los estudiantes serán premiados por su arduo trabajo. Al completar los paquetes de matemática y lectura, su hijo ganará un premio especial en Septiembre. Para su conveniencia, durante los meses de verano, los paquetes de verano estarán disponibles en nuestra página de internet: www.montgomeryschoolsmd.org/schools/rockviews


Todos los diarios de verano con las iniciales de los padres deben ser entregados a la maestra/o a más tardar el 6 de septiembre del 2019. Gracias por apoyar nuestros esfuerzos de animar a los estudiantes a que sigúan aprendiendo. Que tengan un maravilloso verano!

Sinceramente,

Kristine Alexander
Directora

Rock View Reading and Writing Summer Calendar for Rising 3rd, 4th, and 5th Graders



1 Write and illustrate your own story about a raven, a seahawk, roadrunner, and a penguin. 	2 Read a book that won an award. In your journal write why you think it won this award. Check out some award winning titles on our website. *	3 Take a walk with your parent and talk about your favorite book or graphic novel (comic book).	4 Read or listen to a folk or fairy tale from another country. This website has some stories from around the world. *	5 VISIT THE LIBRARY! Read an informational book about a social studies or science topic. Write what you learned from this book.	6 Read a realistic fiction book. Note the title and author in your journal. Then make a story map with the characters, setting, the problem and solution. *	7 Write an email or note to a family member about a book you would recommend. Explain why your are recommending the book.
8 Create a comic strip with a beginning, middle, and end that illustrates a story about moral courage. Use your journal or the Comic Creator. *	9 Write a letter in your journal introducing yourself to your new teacher. Include your character traits that make you most proud.	10 Read for at least 30 minutes. Illustrate the text. Write a summary of the book, or part of the book, you read.	11 VISIT THE LIBRARY! Read a book that was recommended to you. Ask the librarian to help you find other books that are similar.	12 Read at least 5 poems. Then create your own poem using similes and metaphors. Share your poem with an audience. *	13 Read for 30 minutes in a shady spot. Who was your favorite character? Write a paragraph explaining why?	14 Read a magazine and in your journal write about how the text features helped you understand the text.
15 Invent a new kind of video game. Write about the setting, the characters, the challenge, and ways to defeat the game.	16 If you could suddenly give yourself a talent that you don't presently have, what would it be and why? Explain how you would use that talent.	17 Read a historical fiction book. Write about what you learned about this time period.	18 Design a special award for your favorite book character. Tell what your character did to earn this special award.	19 VISIT THE LIBRARY! Read a book that takes place in another country. Use a Venn Diagram to show the similarities and differences to the United States. *	20 Read part of a story. Write your own ending to the story. Be sure to include the problem and solution. Be creative and add story elements as needed.	21 Read a new recipe with a family member and make it together. Write the steps you took to make it. Check out some recipes and an organizer. *
22 Take a trip to an imaginary destination. Create a picture postcard that shows what you saw and the setting. Write about your adventure. Try Postcard Creator. *	23 Write a letter to a friend about a trip or fun outing you are doing this summer. Use your best handwriting. Refer to our handwriting guide. *	24 Link to PebbleGo through the RVES website or choose an informational text. Write the main idea and details. Try out the Ice Cream Cone organizer. *	25 Read 2 poems about the same subject. Compare what you learned about the subject through the two poems in your journal.	26 VISIT THE LIBRARY! Read a mystery book and draw a new cover showing the setting and the characters.	27 When you go on a road trip pick up and read a brochure for a nearby attraction. Design your own brochure for a place you would want people to visit.	28 Read a newspaper article with an adult and find 5 words you do not know. Look up those words and write their meanings in your journal.
29 Read a biography about someone you admire. Write a paragraph about what you learned and why you admire this person.	30 Read a book about an invention that you and your family use. Write about how that invention makes your life easier. Describe any upgrades you would make.	31 Write a paragraph starting with . . . "The most amazing thing I've ever seen is. . ." Use your best handwriting. Refer to our handwriting guide. *	<p>Welcome to the Summer Reading and Writing Calendar for students entering third, fourth, or fifth grade. This calendar is recommended but not required. The activities on the calendar will keep you reading and writing throughout the summer. It is a great way to keep your skills sharp and use your creative energy.</p> <p>Unless otherwise indicated, complete all assignments in a summer journal. (You can use a composition notebook, spiral notebook, or stapled papers.) We have indicated optional web based resources that are available with a *. All of these resources can be found on the RVES website under Summer Calendars. Upon completing an activity, have a parent initial the corresponding space on the calendar. Students completing 16 or more activities from the Reading/Writing Summer Calendar and 24 or more activities from the Math Summer Calendar will be recognized in the fall. All journals and calendars are to be returned to your teacher by September 6, 2019.</p>			

Rock View Grade 4 Going Into Grade 5 Summer Math Calendar

~Summer~

<p>Welcome to the summer math calendar for students entering Fifth Grade. This calendar is recommended, but not required. Reviewing the learned skills will maintain the foundation for math success at the next grade level.</p>	<p>#1 The answer to a division problem is 23. What was the problem? How can you change the problem so that it has a remainder of 3.</p>	<p>#2 Draw three different designs that are all 3/4 green. How are the designs similar? Different?</p>	<p>#3 Students from three classes are planning a field trip. On the trip, there will be 24 students from each class, along with 8 teachers and 12 parents. How many people go on the trip?</p>
<p>#7 Alex says the shape is a rhombus. Carolyn says the shape is a square. The teacher says they are both correct. Why?</p>	<p>#8 Write the following number in expanded form. 24,036</p> <p>Rearrange the digits to create the largest and smallest numbers possible. Write those numbers in expanded form.</p>	<p>#9 Write a multiplication word problem and teach someone the steps to solve it. Write a division word problem and teach someone the steps to solve it.</p>	<p>#10 Mrs. Wamble and Ms. Topol each ate $\frac{3}{4}$ of their sandwich. Mrs. Wamble ate more than Ms. Topol. Explain how this is possible.</p>
<p>#14 My calculator's subtraction key is broken.</p> <p>What else could I put into the calculator to solve this problem? $68 + X = 413$</p>	<p>#15 Sort these fractions: Are they closer to 0, $\frac{1}{2}$ or 1? Draw a picture or model to prove it. $\frac{5}{6}, \frac{3}{4}, \frac{7}{9}, \frac{2}{5}, \frac{2}{3}, \frac{1}{8}$</p> <p>Explore one of the recommended websites and write about the math you learned.</p>	<p>#16 3.091</p> <ul style="list-style-type: none"> • Is this number closer to 3 or 4? • Is this number closer to 3 or 3.1? <p>Be sure to explain how you know.</p>	<p>#17 Order these decimals from least to greatest:</p> <ul style="list-style-type: none"> • 34.098 • 33.999 • 34.908 • 34.089
<p>#21 Complete one of the word problems included in this packet.</p>	<p>#22 Two brothers want to make muffins for the 35 kids at their summer camp. They have \$5.00 to spend on muffin mix. The box of muffin mix said it would make 12 muffins. Each box of muffin mix is \$1.25. Will the boys be able to make enough muffins?</p>	<p>#23 Order these fractions from least to greatest: $\frac{1}{3}, \frac{1}{8}, \frac{1}{5},$ and $\frac{1}{10}$</p> <p>Draw a model to prove you are correct.</p>	<p>#24 Solve:</p> <ul style="list-style-type: none"> • 24×5 • 312×6 • 129×12 <p>Figure out how many days old you are today. Remember leap years.</p>
<p>#28 Draw a picture that includes the following (you may add more):</p> <ul style="list-style-type: none"> • 2 parallelograms • 1 right angles • 1 obtuse angle • 1 trapezoid 	<p>#29 What are the missing digits?</p> $\begin{array}{r} 38_4 \\ + _74 \\ \hline 410_ \\ \hline 8900 \end{array}$	<p>#30 The teachers ate a lot of candy at their meeting! Who ate the most? Least? How can you prove it? Mrs. A ate $\frac{2}{6}$ of her bar Mr. B ate $\frac{2}{3}$ of his bar Mrs. C ate $\frac{5}{6}$ of her bar Mrs. D ate $\frac{1}{2}$ of her bar Mr. E ate $\frac{1}{3}$ of his bar</p>	<p>#31 The difference between two numbers is 2,106. What could the two numbers be? What other two numbers have the same difference?</p>
<p>#25 In the Land of Oz lives Ozzie, who is confused about time. He is trying to figure out how many times a day the hour hand passes a number that is a multiple of 3. What is the answer?</p>	<p>#26 The answer is 312, what is the question? • What other questions could have this same answer? • Can you come up with a problem that uses multiple operations?</p>	<p>#27 Name at least two numbers that come between 2.7 and 2.8.</p> <p>Create a number line to show these decimals.</p>	<p>#18 Draw three different shapes that all have a perimeter of 46. How are they similar? How are they different?</p> <p>#19 The area of Mrs. Cromwell's rectangular garden is 240 square feet. • Give at least two different possible measurements for his garden. • Compare the perimeters of these gardens.</p>
<p>#11 Solve: • 4,689-2,349 • 5,008-899 • 1,000-749 Check your work without using a calculator.</p>	<p>#12 Four families each brought the same number of chairs to a block party. Three more chairs are needed to seat all 27 of the participants. How many chairs did each family bring?</p>	<p>#13 How many $\frac{1}{4}$ are there in $2\frac{3}{4}$? What about $4\frac{1}{2}$?</p> <p>Explore one of the recommended websites and write about the math you learned.</p>	<p>#4 Complete one of the word problems included in this packet.</p> <p>#5 A student says that $\frac{1}{5}$ is bigger than $\frac{1}{4}$ because 5 is bigger than 4. Are they correct? Why or why not?</p> <p>#6 Sarah rounded a four digit number to 3,500. The sums of the digits add up to 10. What could her number be? Create your own problem similar to this and give it to a family member to solve.</p>
<p>#20 List at least 24 combinations of coins that equals one dollar. (There are 294 different ways.)</p>			

The design of the activities on this calendar is meant to support instruction in the new curriculum in both its content and presentation. Therefore, the activities are not to be done as independent problems, but to be worked on with a parent, guardian or older brother or sister. Talking about the problem is an important part of completing each activity. On the backside of this calendar are recommended math websites for more reinforcement of math concepts and computation. (Adapted from Sherwood Cluster Summer Calendars)

Math Summer Calendar Websites

<http://www.allmath.com/>

This site has flash cards and links to other sites for games, math humor, worksheets, math help and more.

<http://www.aplusmath.com>

This site has basic facts flash cards and a game room, worksheets, multiplication table practice and more.

<http://www.mathfactcafe.com>

This site has a pencil next to pre-made cards so kids can do the facts and have the computer check them. Kids can print them out and also put in their own numbers and make their own worksheets.

<http://www.funbrain.com>

This site has easier to harder addition and subtraction computation and problem solving. It also has language and grammar skills activities

<http://www.eeemath4kids.com>

This site has a wide range of topics and will give you step-by-step instructions.

<http://www.abc.net.au/countusin/games>

Each game is designed to help kids understand basic concepts in math. This site has a variety of math games.

<http://www.gamemagnum.com>

This site has math activities for K-6.

<http://www.math.com>

Good resource of how to do problems

<http://www.mathcats.com>

This is an interactive fun site

<http://www.spikesgamezone.com>

Lots of math games

<http://www.figurethis.org>

This site gives you ideas for fun hands-on math activities. Good for upper grades

<http://www.kidsites.com>

List of sites for math as well as other subjects.

Reading Summer Calendar Websites

(Numbers correspond to the Reading & Writing Summer Calendars.)

#2 -- Award Winning Books

Black Eyed Susan: <http://maslrmid.org/>
Caldecott, Newberry, and other award winners:

<http://www.ala.org/alsc/awardserants/bookmedia>

#4 -- Folk or Fairy Tales <http://storynory.com>

#6 -- Story Map

http://www.eduplace.com/graphicorganizer/pdf/storymap2_eng.pdf

#8 -- Comic Creator <http://www.readwritethink.org/parent-after-school-resources/games-tools/comic-creator-a-30237.html>

#12 -- Create Your Own Poem

<http://teacher.scholastic.com/writewit/poetry/index.htm>

#19 -- Venn Diagram <http://www.eduplace.com/graphicorganizer/pdf/venn.pdf>

#21 -- Kid Friendly Recipes [http://kidshhealth.org/kid/recipes/Step by Step Chart](http://kidshhealth.org/kid/recipes/Step%20by%20Step%20Chart)

http://www.eduplace.com/graphicorganizer/pdf/stepchart_eng.pdf

22 -- Postcard Creator <http://www.readwritethink.org/classroom-resources/student-interactives/postcard-creator-30061.html>

#23 and #31 -- Handwriting

<http://www.montgomeryschoolsmd.org/uploadedfiles/schools/strawberryknolls/specials/staffdevelopment/resources/Handwriting%20Strokes.pdf>

#24 - Ice Cream Organizer (main idea)

<http://www.eduplace.com/graphicorganizer/pdf/icecream.pdf>

Fact Fluency Apps (can be downloaded onto mobile devices)

Chalkboard Math

Sushi Monster

Moose Math

Operation Math

Number Rack

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4	6	
6	9	12

16		
18	27	
20		30

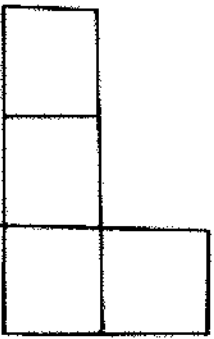
	42	49	
	48		
-15	54		

	72	80	
	81		
	90		
			15
6	12	18	

	18	20	
	27	30	
32	36	40	
40	45	50	

Challenge:

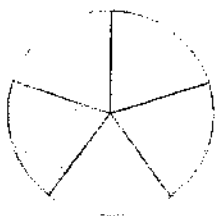
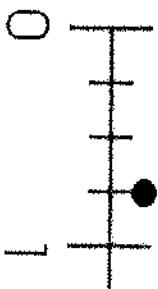
Fill in this puzzle piece for a space on the towel that has not yet been filled. Explain your thinking.



Equivalent Fractions

Cut out the cards. Turn them face down. Take turns with a partner turning over two cards at a time to make a match. If your cards don't show the same fraction, turn them over and lose your turn. Show in your journal how you know your answers are correct for each pair.

$$\frac{5}{3}$$



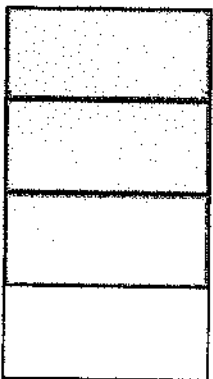
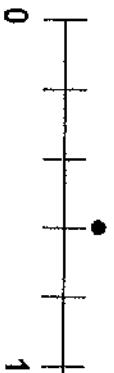
$$\frac{3}{2}$$

$$\frac{7}{4}$$

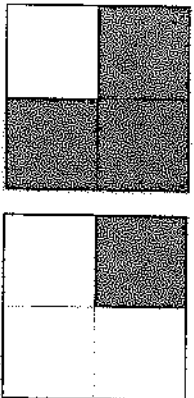
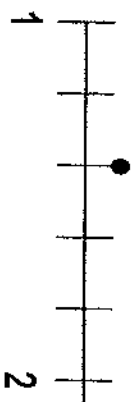
$$\frac{4}{4}$$



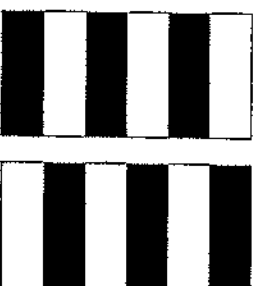
$$1$$



$$1\frac{3}{4}$$



$$\frac{7}{5}$$



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Summer Music Festival

Directions: Read through the following problem and answer the questions. Use your journal to complete your work. Remember to show how you know your answers are correct. You may work with a parent, older brother or sister, or friend, but you must show all of your ideas in words, pictures or symbols to completely answer the questions.

Your family is attending a *Summer Music Festival*. There are a number of concerts playing on different stages at the same time. You have been asked to plan the day and make the schedule. You need to show the start time and end time at each performance you choose. The length of time your family will stay at each performance is shown in the table below. You can go to ANY performance at ANY time.

The festival begins at 11:00 AM and ends at 6:00 PM. Leave 10 minutes in between each performance to get to the next place and grab a snack if you get hungry.

Performance	Total Time Allowed
Native American Flute Performance	45 minutes
Summer Salsa Music	2 hours
The Real Reggae Band	1 hour, 45 minutes
Celtic Connections	1 hour, 25 minutes
Caribbean Collaboration	30 minutes
Africa Percussion	2 hours, 15 minutes
Chinese Suona Songs	1 hour, 40 minutes
Indian Folk Music	2 hours 10 minutes



Summer Music Festival Schedule

Performance	Beginning Time	Ending Time
	11:00	