Rockburn Elementary Raccoons

Summer Activities Packet

Name:_____

Dear Families,

We hope you enjoy your summer plans. To assist year-round learning, the PTA has put together some "Boredom Busters"

- **Summer Push Up Book is in a Calendar-style format**. We collectively gathered from teachers grade appropriate activities and websites for our families. May this serve as a guide to parents as they reinforce concepts learned in the classroom. Families can choose activities that meet the needs of their child and fit into their summer schedules. We want this calendar to encourage students to explore the local library, go on field trips, use the internet (with supervision) and/or just to relax with a good book. Our intention is to provide activities that are easily accessible, can be done independently, with the family, and even in the car as you vacation. Please be aware that these are just suggestions; reading 20 minutes a day is acceptable. However, we would like the students to complete a variety of activities throughout the summer as you will see. You may choose to use a workbook as well. In addition, the PTA has purchased a computer program BrainPOP Jr. for the entire school. We encourage children at all levels to log-in over the summer to use this program. The web address is: https://jr.brainpop.com (password and username are both rockburn). Also, please take advantage of the Howard County Libraries Summer Reading Program to gather of variety of reading materials. We are requiring all students to complete any **20 minute activity 4 times a week** to be eligible for a medal in September. Parents need to simply sign off on the (August) calendar and return it to the school by Friday, **September 11, 2015**.

- You may directly access **MANY MORE WEB LINKS** via rockburnpta.org (Summer 2015 Calendar links). Even print this packet if it's lost (Summer 2015 Calendar Packet).

- This packet includes a copy of Rocky as your travel companion! Feel free to **SEND PHOTOS** of all his adventures to resrockyphotos@gmail.com for a Back to School display.

- The **PTA REFLECTIONS ART CONTEST** will be in the fall. The theme is "Let your Imagination Fly". Help your child create artwork, music, video, a story, or photographs to capture the idea this summer.

- **PIZZA WITH THE PRINCIPAL.** Enjoy lunch with Mrs. Bauer. Fridays June 26, July 3, July 12, July 31, and August 7 @ Tino's

Thank you and enjoy learning over the summer,
The Summer Activity PTA Committee

Questions/Help: contact Noelle Devins- nina21075@yahoo.com or Stacey Ward- smward428@hotmail.com

Suggested Activities for Incoming K, 1st and 2nd Grade Students

Suggested Activities

- Sign up for the Summer Reading Program through HCPL
- Read a book to/with a with friend or family member
- Read an e-book on HCPL website
- Visit the County Library
- Write a personal narrative about a vacation you went on
- Keep a journal
- Write a friendly letter to friend/family member
- Visit the Robinson Nature Center (Wednesday is Family Day and is Free!)
- Create a family tree
- Take pictures in nature or on vacation and write captions
- Practice handwriting using sidewalk chalk
- Visit the suggested Websites

Student DataBases and Search Engines

- CultureGrams
- World Book Kids
- SIRS Discover
- Maps 101
- Teaching Books
- Kid Rhouseex
- National Geographic for Kids
- Howard County Library Databases

  Will need library barcode to access

Reading

- Starfall
- Mighty Story Books
- Mighty Story Songs
- Magic Keys
- RIF Reading Planet
- Barnes & Nobles Online Story Time
- Speakaboos
- Storyline
- Between the Lions . Folk Tal#8A
- Just Books Read Aloud.webloc
- Story Time For Me.webloc
- Storyline Online.webloc
- WECOME TO FRANK ASCH.COM!.we#93

Comprehension Games

- Making Pancakes
- The New Computer
- The Amusement Park
- Fact and Opinion
- Fact Frenzy

  finding facts in what you read
- Non-Fiction
- Woodpecker
- Bald Eagle
- What is a Bank?
- Money
- Hummingbirds
- The Color Green
- The United States
- Redwood Trees
- Penguins
- Blue Whale
- Dolphins
- Spiders

Writing

- How-To
- Acrostic Poems
- Letter Generator
- Shape Poems
- Word Girl

  vocabulary
- Arthur: Letters To

Grammar and Phonics Skills

- Grammar Tutorial
- Verbs in Space
- Adjective Adventure
- Noun Explorer

- Magical Capitals
- Spell a Roo

beginner level
- To Bee or Nottoobee
- Alphabetical Order
- Alphabetizing set 1

first letter
- Alphabetizing set 3

second letter
- Alphabetizing set 4

second & third letter
- Alphabetizing set 5

first letter & beyond
- Using Capital Letters
- Capitalization set 1
- Capitalization set 5
- Robot Guy capitalization
- Contractions
- Contraction Match
- Homophones
- Homophones set 1
- Synonyms set 1
- Antonyms set 1
- Possessive Nouns set 1
- Syllables set 1
- Common & Proper Nouns set 1
- Misspellings set 9
- The Magic E Adventures
- Sight Word Bingo.webloc
- Spelling Monsters.webloc

Math

Math Facts

- Sum Sense
- Ten Frame Addition
- Alien Addition
- Greg Tang: Break Apart
- Greg Tang: Math Limbo (addition/subtraction)
- Greg Tang: NumSkill (addition/subtraction)
- Math Magician: mixed addition/subtraction
- That's a Fact!
- Arcade Diner (addition/subtraction)
- Fruit Splat Addition (levels 1 & 2)
- Fruit Splat Subtraction (levels 1 & 2)
- Math-O (addition/subtraction)
- Math Baseball (addition/subtraction)
- Flashcards: addition
- Flashcards: subtraction
- Flashcards: addition/subtraction
- Pop Up Math Addition
- Pop Up Math Subtraction
- Bubble Fun Math (addition/subtraction)
- https://xtramath.org/
- Cone Crazy Subtraction.webloc
- Line Jumper- Adding on a Num#A0
- Math Lines- Making 10.webloc
- Mathamagician.webloc
- DInosaur Dentist.webloc
- Minus Mission.webloc
- Number Eaters.webloc

Operations & Algebraic Thinking

- Match Number Pairs to 20
- Build Expressions to 20
- Addition with Tens on a Number Line
- Adding 10
- 10 Less Shoot Out
- Break Apart: addition/subtraction
- Math Playground: addition/subtraction (1)
- Math Playground: addition/subtraction (2)
- Number Line Estimate
- Number Lines up to 100

Numbers and Operations in Base 10

- Base Ten
- Shark Pool Place Value
- Math Match: Base Ten
- Place Value: Expanded Form
- Place the Penguin
- Finding Place Value
- Specific Place Value
- Place Value
- Comparing Numbers
- Compare Numbers
- Odd or Even
- Mystery Pictures: Number Words

- Count by 5's: Empire State Building
- Counting Patterns up to 1,000
- Hundreds Chart
- Skip Count Advanced
- Build Expressions to 100
- Match Number Pairs to 50
- Match Number Pairs to 100
- Match Number Pairs to 200
- Double DIgit Addition
- Add two 3-digit numbers
- Add two 2-digit numbers
- Math Baseball
- Soccer Math: addition 2-digit numbers
- Soccer Math: subtraction 2-digit numbers
- Weight Watch: Equivalent Amounts
- Break Apart: addition/subtraction
- Math Limbo: addition/subtraction
- NumSkill
- Equivalence up to 20
- Equivalence up to 100

Measurement and Data

- Count Us In: Time
- Which Clock?
- Time Keeper
- Giraffe Pull: Time Words
- Stop the Clock
- Bang on Time
- Time Keeper Interactive
- TIme Monster
- Compare Clocks
- AM PM
- Hickory Dickory Dock
- Bank It!
- Money Flashcards
- Learn to Count Money

levels 1 & 2

- Measuring Teddy
- Choose the Measurement
- Measuring in Inches
- Measure It!
- Inchy Picnic
- Curious George: How Tall?
- The Fearless Flying Fleas
- Appropriate Metric Unit
- Appropriate Customary Units
- Size Estimation
- Metric Word Problems
- Customary Units of Measurement Word Problems
- Create Line Plots
- Line Plot Practice
- Interpret Line Plots
- Create Pictographs
- Bar Graph
- Let's Graph It!
- Counting Money.webloc
- Dolphin Money.webloc
- Money ID.webloc

Geometry

- Identify Shapes
- Count Sides & Vertices
- Counting Attributes
- Polygons
- Quadrilaterals
- Thirteen Ways at Looking at Half
- Fraction Flags

halves & quarters

- Fraction Flags

thirds

Above Grade Level Math

http://www.mathplayground.com/wordproblems.html

http://www.mathplayground.com/ASB_Index.html

XtraMath.webloc

http://www.abcya.com/math_facts_game.htm

http://www.funbrain.com/cgi-bin/ttt.cgi?A1=s&A2=2&A3=0

http://www.shodor.org/interactivate/activities/AreaExplorer/

Fraction Bars.webloc

Equivalent Fractions.webloc

http://illuminations.nctm.org/Activity.aspx?id=4213

http://www.learninggamesforkids.com/math_games/division/flash-cards-divide-by-five.html

http://www.harcourtschool.com/activity/fly_a_kite/

Suggested Activities for Incoming 3rd, 4th, and 5th Grade Students

- Join the library summer reading program!
- Read a wide variety of genres, for example:

  -read a magazine article

  -read a historical fiction text

  -read a biography

  -read a mystery

  -read a poem
- Write across genres as well:

  -write a paragraph persuading someone to visit a place you have been this summer

  -write to inform someone about a place you have visited this summer

  -write a persuasive letter to your Congress person

  -keep a journal
- Design a brochure for a place you visited this summer
- Practice cursive writing
- Review parts of speech
- Plant a seed and measure it's growth
- Estimate the amount of money you are going to spend at the store, mall, etc. Then calculate the actual cost and compare.
- Make a fun craft and write the directions
- Send an email to friends and/or family member
- Use materials around your house to build a structure. Make a list of the materials used and see how high you can get your structure to be. Explain what materials you would use next time to make your structure even better.
- Practice grade level computation facts
- Visit https://smart.wikispaces.hcpss.org/SMART+Pages
- Visit http://timeforkids.com
- Visit http://nationalgeographic.com
- Visit http://scholastic.com/home/
- Go on a Rainy Day Scavenger Hunt for fractions in the home (6 nonfiction books on the shelf out of 18 = 6/18; 4 pairs of sneakers in the closet out of 8 pairs = 4/8 or ½, etc.
- Multiplication/division stories (Each guest had 2 popsicles at the 4th of July party, 40 in all, how many guests?)
- Plan a budget for your vacation or trip.
- Draw a map of some place you visited (label the city, state, country, continent).

- Write a personal narrative of something that happened this month.
- Record the weather for a month. Make a bar graph that shows temperatures, amount of rainfall in inches and centimeters, sunny days vs. rainy days.
- Visit Culturegrams (http://online.culturegrams.com/kids/index.php)and learn about a country you'd like to visit. Plan a trip!
- Which home from another country would you like to live in? Tell why.
- Practice some math by visiting: http://www.abcya.com/
- Design a postcard from a place that you visited.
- For math, do cooking projects that require measuring fractional amounts. During this activity your child will also be reading to perform a task. ☺
- Write a complete description of your house. Include many details about its size, color, etc.
- Write an acrostic poem using the letters of a place you visited this summer.
- Write a diary entry for each day this week.
- Pick a plant either inside or outside your home. Observe the plant carefully. Draw a picture of how the plant changes each week throughout the summer.
- Make a list of the rooms in your home. Tell about each one.
- Make a family tree.
- Brainstorm ways of keeping roads and parking lots free of mud during a severe thunderstorm. Use your science journal to write down as many ideas as you can, no matter how outlandish. Go back through your list and think about which one might work with the right materials or equipment.
- Visit http://dodobird.net and investigate what factors led to their extinction. After researching, visit the "What would you do?" section on the website. Use your science journal to develop a plan that could have saved the Dodo birds.
- Visit this FEMA for Kids website, and explore the site for different ways to prepare for extreme weather. Use your science journal to record ideas.
- Investigate 12-year-old Peyton Robertson's invention for *Sandless Sandbags.* Robertson won the Discovery Education 3M Young Scientist Challenge with this invention inspired by the events of Hurricane Sandy.
- Visit: Paleontology: The Big Dig (Included are many interactive games about dinosaur fossils)
- Contact the United States Coast Guard for current information and samples of materials they use to clean up spills. Conduct further research on clean up methods for oil spills and the effects each has on the environment and organisms.
- Visit the Fossil image slideshow found on the National Geographic website http://education.nationalgeographic.com/education/encyclopedia/fossil/?ar_a=1

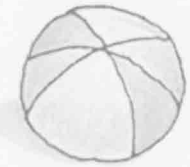
- With a parent discuss if the organism was land or marine-dwelling and the different characteristics of each.
- Look at the fossils and determine if they were land dwelling or marine dwelling organisms. How a scientist can tell? What clues do the fossils provide about where the organism lived? What evidence supports the claim of land dwelling or marine dwelling?
- Watch the Brain Pop Video: Types of fossils (password NOT needed)

  http://glencoe.mheducation.com/sites/dl/free/0078778026/164155/00076703.html
- Research an animal to learn how it survives in its natural environment. Record what you learn in your science journal! Keep using up some of those empty pages!!!
- Visit: http://kids.nationalgeographic.com/animals.html
- Visit www.aqua.org (National Aquarium in Baltimore) to research other animals that live in and around the Bay. This site has many links to pictures, live animal cameras, and fact sheets for each habitat (divided up in to the sections of the Aquarium itself). Study the layout of the Aquarium – why did they design it this way? How does that help the public learn about life science?
- Design an Invasive Species! Download and print/email ARKive's free PowerPoint and worksheet. http://www.arkive.org/education/teaching-resources-7-11:
- Write a persuasive letter to convince your teacher to visit a place you went to during your summer vacation, read a book you have read, or try a new activity or hobby you started during your break.
- Make a reading tree: keep track of the books you read by writing the title and author on a reading tree.

June 2015

Rockburn 2015 Summer Calendar (grades 3-5)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19 *Keep a journal for all your summer calendar drawings and findings. *Join the library summer reading program!	20 visit:FractionBars.webloc Practice cursive writing
21 There are 5 poles in a straight row, ea 10ft. apart. What is the total distance between the 1st pole and the 5th?	22 Send an email to friends and/or family member Plant a seed and measure it's growth	23 Read a wide variety of genres, for example: -read a magazine article -read a biography -read a mystery -read a poem	24 Practice typing words using the "home row" keys only. Then try adding one extra vowel Visit http://timeforkids.com	25 Go on a Rainy Day 25 Scavenger Hunt for fractions in the home (6 nonfiction books on the shelf out of 18 = 6/18; 4 pairs of sneakers in the closet out of 8 pairs = 4/8 or ½, etc.	26 Write to inform someone about a place you have visited this summer.	27 Plan a budget for your vacation or trip.
28 Draw a map of a place you visited (label the city, state, country, continent).	29 Visit: http://nationalgeographic.com	30 Visit Culturegrams (http://online.culturegrams.com/kids/index.php)and learn about a country you'd like to visit. Plan a trip!				



July 2015

Rockburn 2015 Summer Calendar (grades 3-5)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 Record the weather for 1 a month. Make a bar graph that shows temperatures, amount of rainfall in inches and centimeters, sunny days vs. rainy days.	2 Visit: American Museum of Natural History. amnh.org Paleontology: The Big Dig (Included are many interactive games about dinosaur fossils)	3 Visit http://dodobird.net and investigate what factors led to their extinction. After researching, visit the "What would you do?" section on the website. Make new plans in a science journal	4 Multiplication/division stories (Each guest had 2 popsicles at the 4th of July party, 40 in all, how many guests?)
5 Write a persuasive letter to convince your teacher to visit a place you went to during your summer vacation, read a book you have read, or try a new activity or hobby you started during your break.	6 Take a photo with you and Rocky on vacation. Email it to resrockyphotos@gmail.com. Include a sentence or two about where you are.	7 Design an Invasive Species! Download and print/email ARKive's free PowerPoint and worksheet. http://www.arkive.org/education/teaching-resources-7-11:	8 Visit this FEMA for Kids website, and explore the site for different ways to prepare for extreme weather. Use your science journal to record ideas.	9 Visit the Fossil image slideshow found on the National Geographic website http://education.education/encyclopedia/fossil/?ar_a=1	10 Watch the Brain Pop 10 Video: Fossils (password NOT needed) http://glencoe.mheducation.com/sites/dl/free/0078778026/164155/00076703.html	11 Make a family tree. Design a postcard from a place that you visited.
12 Make a fun craft and write the directions	13 Review parts of speech Visit http://timeforkids.com read a poem	14 Write a paragraph persuading someone to visit a place you have been this summer	15 Visit hcpss.org/SMART + Pages	16 Estimate the amount of money you are going to spend at the store, mall, etc. Then calculate the actual cost and compare.	17 Write a persuasive letter to your Congress person	18 Practice grade level computation facts
19 Use materials around your house to build a structure. Make a list of the materials used and see how high you can get your structure to be. Explain what materials you would use next time	20 Practice some math by visiting: http://www.abcya.com/	21 Write a complete description of your house. Include many details about its size, color, etc.	22 Which country would you like to live in? Tell why.	23 For math, do cooking projects that require measuring fractional amounts. During this activity your child will also be reading to perform a task.	24 Brainstorm ways of keeping roads and parking lots free of mud during a severe thunderstorm. Use your science journal to write down as many ideas as you can, no matter how	25 Contact the United States Coast Guard for current information and samples of materials they use to clean up spills. Conduct further research on clean up methods for oil spills
26 Research an animal to learn how it survives in its natural environment. Record what you learn in your science journal! Keep using up some of those empty pages!!!	27 Visit www.aqua.org (National Aquarium in Baltimore) to research other animals that live in and around the Bay. This site has many links to pictures, live animal cameras, and fact sheets	28 Make a reading tree: keep track of the books you read by writing the title and author on a reading tree.	29 Investigate 12-year-old Peyton Robertson's invention for Sandless Sandbags. Robertson won the Discovery Education 3M Young Scientist Challenge with this invention	30 Take pictures in nature or on vacation and write captions	31 visit Natl Council of Teacher of Math http://illuminations.nctm.org/Activity.aspx?id=4213	

Student Name/Grade/Teacher

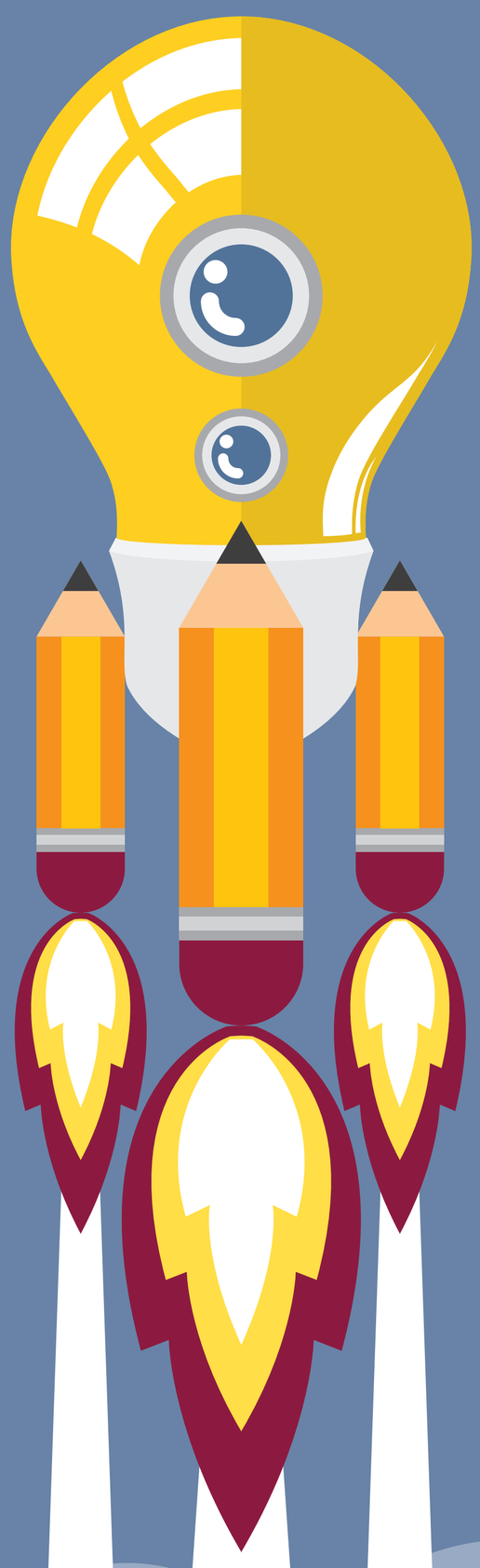
Parent Signature (Submit this form by 9/11/15)

August 2015

Rockburn 2015 Summer Calendar (grades 3-5)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 Work on the PTA's Reflections Art Contest: The theme is "Let your Imagination Fly". Think drawing, photo, dance, music, video
2 visit:http://www.mathplayground.com/wordproblems.html	3 Vist: http://www.poetry4kids.com/poems Memorize a short poem and recite/perform during your car ride, after dinner, etc.	4 For grade specific math games visit: adaptedmind.com	5 Visit the Robinson Nature Center (Wednesday is Family Day and is Free!)	6 visit http://www.harcourtschool.com/activity/fly_a_kite/	7 Write a letter thanking a Veteran.	8 visit: Natl Council of Teacher of Math http://illuminations.nctm.org/Activity.aspx?id=4213
9 Visit http://scholastic.com/home/	10 Play an after dinner game. Each person takes a piece of paper and writes any topic on it. Mix in a container. Take a topic and talk about it for 1 min. without hesitations	11 Determine how much is in your saving account and see if you can guess how much will be in there by the start of school.	12 New Word Wednesday: use your new vocabulary word 3 times today and write it down in fun letters.	13 visit:http://www.summerskills.com/summerskillsbooks/math_books	14 Determine the number of years in a decade, a century and a millennium.	15 Write an acrostic poem using the letters of a place you visited this summer.
16 Learn a new language: http://hclibrary.org/research/remote-muzzy	17 Teacher Return to school. As your teacher prepares the classroom, what would you wish was in the room and write a persuasive letter to him/her.	18 If you put 2 gallons of water in a pot, how many pint would you have? Quarts?	19 New Word Wednesday: use your new vocabulary word 3 times today and write it down in fun letters.	20 Sally has quarters and dimes. The coins total $1.20. She has twice as many quarters as dimes. How many quarters does she have? Dimes?	21 Look at the nutrition label of one of your favorite snacks. How many calories are in 3 servings of your snack?	22 Write down 3 goals for yourself as the school year begins. (homework, organization, exercise, etc.)
23 Go to the grocery store with your parent and help decide which of your favorite snacks is the best value. Write why that is.	24 School Starts Please turn this form in by Sept. 11	25	26	27	28	29
30	31					

Be Part of PTA's
Reflections® Program



2015-2016 Theme:
Let Your Imagination Fly

Entries from all grades and all abilities welcome.

Dance Choreography • Film Production • Literature
Music Composition • Photography • Visual Arts

Deadline for entries: _____

For details, contact: _____

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*every*child. *one*voice.®

Learn more and get involved!

PTA.org/Reflections

NATIONAL PTA® REFLECTIONS®

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