



Summer Math Calendar:
for students entering Second Grade

Grade 1 into 2

Jackson Elementary School

Directions:

Complete at least 20 math boxes each month.
Color in the box after you complete it.

Return the calendar grids to your second grade teacher in August and
you will receive a prize.

Supporting materials found at the end.

June – Second Grade

Directions: Complete at least 20 math boxes in June and color in the box after you complete it. Return this calendar to school in August.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Ask someone at home to time how long you can hop on your right foot, then your left. Which foot could you hop on longer? How much longer?	Practice writing numbers 50-100 either in the sand at the beach or with soap in the bathtub.	Play a card game. For Example, Crazy 8 or Go Fish	Count by 5s from 15 to 100. Count by 10s from 50 to 150. Count by 3s to 30.	6+6 7+7 8+8 9+9 10+10	Count backwards from 30 to 0. Count backwards by 10s from 80 to 0. Count backwards by 5s from 40 to 0.	How many ways can you make 25 cents using pennies, nickels, dimes and quarters?
Create and solve number stories with family members.	Choose a math book to read from the attached list.	Play "Coin Exchange" game with a friend or family member. Directions are attached.	10+2 10+3 10+4 10+5 10+6 What pattern do you notice?	Identify days of the week and months of the year.	Play "Addition Top-It" with a friend or family member. Directions are attached.	Label each cup of an egg carton with the numbers 0-11. Put two pennies in each carton, close the lid and shake it up. Using the numbers of the two sections the pennies landed make up and solve addition and subtraction problems.
Take out different measuring cups and line them up. Which holds the most? Which holds the least?	Count by 10s to 64, starting at 4. Count by 10s to 68 starting at 8. What did you notice about the numbers you say?	Play a card game. For example, Crazy Eights or Go Fish.	Count by 5s from 25 to 110. Count by 10s from 80 to 200. Count by 3s to 30.	Find containers that hold 1 pint, 1 cup, 1 quart, 1 half gallon and 1 gallon. How many cups are in a pint? How many quarts in a half-gallon? How many half-gallons in a gallon?	Play a game that involves dice.	Practice basic facts for addition and subtraction.
Match the moon for many nights in a row. Notice the different shapes the moon appears to make. Do you notice any patterns? You might want to sketch on a calendar how the moon looks each night.	Find and identify shapes around your home.	Play a game of Concentration	Set up an obstacle course at the park or in your yard. Go around bushes, under lawn chairs, over the toy blocks, and so on. Draw a map of the course.	Play "Close to 20" game with a friend or family member. Directions and recording sheet attached.	With chalk, make a repeating pattern design on a sidewalk or driveway near you. Ask an adult first.	Play "Fishing for Ten" with a friend or family member. Directions are attached.

PARENT SIGNATURE: _____

CHILD'S NAME: _____

July

Directions: Complete at least 20 math boxes in July and color in the box after you complete it. Return this calendar to school in August.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Ask an adult for the coins in their wallet and count how much they have.	Look at a calendar. How many days are left until school begins? How many weeks? Predict how many will be sunny, rainy, or cloudy. How can you keep track?	Find three objects in the house that measure less than a foot. Measure them in inches and then in centimeters.	At clean-up time, estimate how many toys need to be put away. Count the toys to see how close your estimate was.	Make a homemade pizza. When it is finished, cut the pizza in halves, then fourths and finally eighths.	Count by 25 to 30 and then start at 20 and count backwards by 25 to zero.	Sort the laundry. After the clothes are washed and dried, help fold the clothes and sort them into piles of your choice. For example, by shirts, shorts, socks, or color.
Choose a math book to read from the attached list.	5+5 4+6 3+7 2+8 1+9 What pattern do you notice?	Fold a napkin. Fold paper towels or napkins into large and small fractions. Start with halves, then move to quarters, and then eighths. Use magic markers to label the fractions.	Count by 5s from 25 to 110. Count by 10s from 80 to 200. Count by 3s to 30.	Play "Fishing for Ten" with a friend or family member. Directions are attached.	Use a tape measure or ruler to record the heights of everyone in your family in inches and centimeters.	Play Bobbie Bear on the web. Follow website directions below.
Plan and shop for a meal. Look at a grocery circular from the newspaper. Your budget is \$30.00, what will you buy for dinner? Use a calculator if needed.	Look through newspapers and magazines for pictures of things with 2- and 3-dimensional shapes. Cut them out and sort them by shape, then glue them onto pages to make a shape book.	Play "Addition Top-It" with a friend or family member. Directions are attached.	Practice writing numbers 50-100 either in the sand at the beach or with soap in the bathtub.	Play store with a family member or friend. Pay with more than what the item costs so that you get change back. Make sure it is the right amount of change. Switch roles and now you are the storekeeper.	29+10 27+10 25+10 23+10 21+10 What pattern do you notice?	Play a game with counting or money. For example, Monopoly Jr.
Identify days of the week and months of the year.	Play one of the games from the list on the last page.	Cook or bake with an adult. Talk to the adult about the measuring tools you are using.	Find 4-6 items around the house. Estimate the weight of each item and then use a scale to weigh the items. How far off was your estimate from the actual weight?	Play "Close to 20" game with a friend or family member. Directions and recording sheet attached.	Play "Coin Exchange" game with a friend or family member.	

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Supporting Materials

GAME DIRECTIONS - as noted in above calendars

BOOKS TO READ THIS SUMMER
as noted in above calendars

Ten Black Dots by Donald Crews

When a Line Bends and ... A Shape Begins by Rhonda Greene

Anno's Magic Seeds by Mitsumasa Anno

Ten Red Apples by Pat Hutchins

Quack and Count by Keith Baker

Seven Blind Mice by Ed Young

Concentration

Materials: Deck of Number Cards 1-9
Players: 3 to 4

Object of the game: To collect the most cards.

Directions:

1. Shuffle the cards. Place the deck number-side down on the table.
2. Each player turns over two cards and calls out the sum of the numbers.
3. The player with the largest sum wins the round and takes all the cards.
4. In case of a tie for the largest sum, each ties player turns over 2 more cards and calls out the sum of the numbers.
5. The player with the largest sum then takes all the cards from both plays.
6. The game ends when not enough cards are left for each player to have another turn.
7. The player with the most cards wins.

Coin Exchange

Materials: For the bank, you will need 20 pennies, 10 nickels, 10 dimes, 4 quarters and one die (or slips of paper numbered 1-6)
Players: 2 or more

Object of the game: To have more money.

Directions:

1. Start with all the coins in the center of the table or game area. This is the bank.
1. Take turns rolling the die or drawing slips of paper. For whatever number you roll or draw, take that amount. For example, if you roll a 4, take four pennies. Each time you have 5 pennies, exchange them with the bank for a nickel. When you have two nickels, exchange them for a dime. When you have 2 dimes and 1 nickel, exchange them for a quarter.
2. Before you turn is over, you need to count all your coins and tell your partner how much you have.
3. The first player with 2 quarters wins the game.

Fishing for Ten

Materials: Deck of Number Cards 1-9, sheet of paper
Players: 3 to 4

Object of the game: To get two cards that total 10.
Directions:

1. Each player is dealt 5 cards. The rest of the cards are placed face down in the center of the table.
2. If you have any pairs of cards that total 10, put them down in front of you.
3. Take turns. On a turn, ask ONE other player for a card that will go with a card in your hand to make 10.
4. If you get a card that makes 10, put the pair of cards down. Take one card from the deck. Your turn is over.
If you do not get a card that makes 10, take the top card from the deck. Your turn is over.
If the card you take from the deck makes 10 with a card in your hand, put the pair down and take another card. Your turn is over.
If there are no cards left in your hand but still cards in the deck, you take two cards.
5. The game is over when there are no more cards.
6. At the end of the game, player records their combinations for 10.

Materials: Deck of number cards, 0 to 10 (four of each), Close to 20 score sheet
(To print off cards or additional Close to 20 score sheets go to Ms. Huntress' website)
Players: 2

Object: Add 3 cards together and get as close to 20 as you can.
Note: *You can make the number cards out of index cards. Or, playing cards can be used, with the Ace being 1, and jokers or some other face card being zero.

**To play the game more than once, make multiple copies of the recording sheet before using it. Or print more out at Ms. Huntress' website.

- Directions:
1. Deal 5 cards to each player.
 2. Take turns choosing any 3 of your cards to add together, getting as close to 20 as you can.
 3. Record your numbers and the total (sum) on the recording sheet.
 4. Your score is the difference between your sum and 20. (Example: You choose 9, 5 and 8. Your sum is 22. Your score is the difference between 20 and 22, since $22 - 20 = 2$)
 5. After each round, players return their 3 used cards to the discard pile and take 3 new cards.
 6. Play 5 rounds. Find your total score. The player with the lowest total score is the winner!

(To print off cards or additional Close to 20 score sheets go to Ms. Huntress' website)

Round 1: _____ + _____ = _____
Round 2: _____ + _____ = _____
Round 3: _____ + _____ = _____
Round 4: _____ + _____ = _____
Round 5: _____ + _____ = _____

TOTAL SCORE _____

SCORE
(difference from 20)

_____ Name

Close to 20 Score Sheet

Round 1: _____ + _____ = _____
Round 2: _____ + _____ = _____
Round 3: _____ + _____ = _____
Round 4: _____ + _____ = _____
Round 5: _____ + _____ = _____

TOTAL SCORE _____

SCORE
(difference from 20)

_____ Name

Close to 20 Score Sheet

Additional Summer Math Practice For Grade 1 Students

Students can practice their math skills over the summer by playing math games. Students can play various board games, card games and computer games. I have included some of the many games that are fun and can benefit student mathematical development.

Games	Cards
Monopoly	Go Fish
Chess	Old Maid
Checkers	Rummy
Yatzee	Solitaire
Dominos	Uno

Have fun playing the math games! See you in the fall.

Number cards 0-10 (4 of each) Suggestion: Print on cardstock and reuse

0	0	0
1	1	1
2	2	2

5	5	5
4	4	4
3	3	3

8	8	8
7	7	7
6	6	6

3	4	5
2	1	0
9	9	9

	10	10
10	10	9
8	7	6

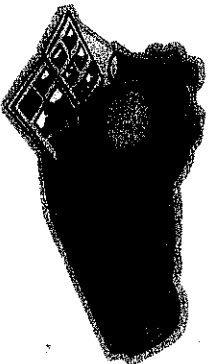
Jackson Elementary School
First Grade
Summer Reading Adventures Calendar

You've learned so much in school this year! It is important that you keep your brain active over the summer for next year. In this packet, you will find activities to last you all summer long. Once you've completed an activity, have a family member initial in the box on the calendar. Create a journal that you can use to note your thoughts, ideas, and any work you complete.

Directions:

*Students should read for at least 20 minutes each day.

*Students will need a Summer Reading Adventures Journal. They can use any notebook or they can make a journal by stapling several pieces of paper together or by using a binder or notebook with paper. Specific journaling tasks are given some days, but students may also journal after each day's reading. (Each journal entry should have the date.)



*Use the first two pages in the journal as a reading log to record all of the books read during summer vacation.

Don't forget to bring your Summer Reading Adventures Calendar and journal with you on the first day of school. Your new teachers will be so proud of your summer adventures and there will be a special surprise for you if you complete at least 20 of the days!

June

Rising 1st Graders

Directions: Keep your reading & writing skills sharp for next year by completing these activities.

	Sun Fluency	Mon Comprehension	Tue Journal Entry/Writing	Wed Vocabulary	Thu Word Work	Fri Website	Sat Library Visit
	<p>Note: If you are interested in English Language Learner Support, visit www.manythings.org</p> <p>Write the letter in the blank to make a word: _at, _ag, _am, _oy, _og, _all, _oat, _ump.</p>	<p>Go fishing for sight words at http://www.smarttutor.com/home/games/catch_fish_game_2.0.swf</p> <p>Ask a family member to read aloud a newspaper or magazine. Did you hear a new & interesting word? Talk about this word & write it in your journal.</p>	<p>Visit http://www.earobics.com/games/oo/ooer.html for phonics games and activities.</p> <p>Find a quiet place outside to read aloud. See if you can read to someone in a quiet & calm voice.</p>	<p>Who is your favorite hero? Write about him or her in your journal.</p> <p>Free reading day—Read anything you want today!</p>	<p>Play the Secret Word with a family member. Use these words: fishing, swimming, camp, family. Start with the first word & give them clues.</p> <p>Create a family tree & have your child draw the portraits of the family members.</p>	<p>Write all the words you can make with these word families: -ack -ake, -ay & -eck, -eat, -ee</p> <p>Read any book about animals.</p>	<p>In your journal, make a list of topics that you are interested in learning about. Find books on these at the library.</p> <p>Read a book about a pet.</p>
	<p>Practice forming your letters correctly: Aa, Bb, Cc, Dd, Ee, Ff, Gg, Hh, Ii, Jj</p> <p>Tommy told Tina to take Timmy's tuba. This sentence is full of words beginning with the T-sound. This is an example of alliteration. Write one.</p>	<p>Visit www.starfall.com/ an interactive website that contains phonics games, stories, videos, and literacy resources for parents.</p> <p>Have you done any baking this summer? Write in your journal about a time you helped bake or cook something.</p>	<p>Check out a recipe book or a book about food. Try to read & follow one of the recipes with an adult. Or read your food book.</p> <p>Think about your summer vacation. Describe it? Did you learn any interesting words? List them in your journal.</p>	<p>Free reading day—Read anything you want today!</p> <p>Free reading day—Read anything you want today!</p>	<p>Play a game after reading the directions together</p> <p>Read a story, Make puppets out of small paper bags & put on a puppet show</p>	<p>Is school the same everywhere? Go to www.kidsclick.org/ to find out how schools in other countries are different.</p> <p>Write a thank you note to the librarian at your library for helping you all summer long!</p>	<p>Free reading day—Read anything you want today!</p> <p>Free reading day—Read anything you want today!</p>
	<p>Read another recipe with an adult. Explain the steps of the recipe & why it is important to follow them in order.</p> <p>Sight Word Fluency. Do you know the following words? Write these words on paper & practice them like, have, said, my, will</p>						

PARENT SIGNATURE: _____

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July

Rising 1st Graders

Directions: Keep your reading & writing skills sharp for next year by completing these activities.

Sun Fluency	Mon Comprehension	Tue Journal Entry/Writing	Wed Vocabulary	Thu Word Work	Fri Website	Sat Library Visit
Write an Acrostic poem about something. Start each line of your poem with the letter on each line. Ex: G O	Opposites are all around us! Write a word or phrase about what you have done this summer, then write the opposite. Ex: run outside, walk inside	July is National Ice Cream month! Read <i>Ice Cream: The Full Scoop</i> by Gail Gibbons or any other book about food.	Free reading day— Read anything you want today!	Take a walk, look for signs of the season. Write about what you saw in your journal	Build words by matching the beginning letter with the end of the word at http://www.phs.org/teachers/connect/resources/7907/preview/	Free reading day— Read anything you want today!
Foods can help you read & spell words. Think of words that rhyme with: corn, rice, meat, peach. Write them in your journal.	Visit http://www.wordle.net & make a "word cloud" together. Fill in words you want to learn for next school year.	Visit http://www.rovthezebra.com/ for interactive reading games, guided reading stories, and other activities.	Free reading day— Read anything you want today!	Read a poem. Let your child guess what the next rhyming word will be	Learn two new words today. Write the meaning of the words in your journal. Create a tally chart & mark how often you use the words correctly today.	Free reading day— Read anything you want today!
How many words can you think of that deal with friendship? Write them in your journal. Then share your list with a friend.	Read a fairytale like <i>Cinderella</i> , <i>Beauty & The Beast</i> , <i>The Three Little Pigs</i> , or <i>Folktales</i> .	Read your book about friends. Why do you think the characters are friends. Tell a family member about the character's friendship.	Free reading day— Read anything you want today!	Have a treasure hunt. Leave picture or word clues for your child to follow to each treasure	Check out a book about friends. Read <i>Frog & Toad</i> are friends, or any other book you choose about friends.	Free reading day— Read anything you want today!
Synonyms are words that are the same. Write these words in your journal: large, tiny, happy. As you are reading today, look for synonyms & write them down	Spell as many words as you can using the following ten letters: a, l, b, c, d, h, i, r, s. Write in your journal as many 4 or 5 letter words as you can think of.	Lights, Camera, Action! Using the fairytale you read yesterday, work with your family to put on a play.	More Sight Word Fluency. Do you know the following words? come, today, went, because, this. Write these words on paper & practice reading them.	Here are examples of words that end in -ig -ut -un bug cut bun How many more words can you think of?	Read to someone your favorite part of a book. Try to sound like the author of the story.	Describe a time when you & your family had to work together to solve a problem. Write about it in your journal.
		Are you excited about going back to school? Write in your journal about how you feel.			Note: If you are interested in English Language Learner Support, visit www.manythings.org for games & activities.	

PARENT SIGNATURE: _____

CHILD'S NAME: _____