3rd Grade Math Activities

Here are some activities to do at home if you choose.

Games That Teach Math

Card Games
Uno  Blink  Phase Ten
Racko  Sequence  Set

Geometric Thinking
Jigsaw Puzzles  Connect Four  Battleship
Blokus  Perfection  Tangrams

Dice Games
Yahtzee  Farkle  Phase Ten Dice
Shut the Box  Tenzi  Skip Bo Dice

Numbers and Operations
Dominoes  Tri-Ominoes  Tri Facta
S'Math  Head Full of Numbers
Sum Swamp

Strategy Games
Chess  Checkers  Mancala
Backgammon  Sorry  Rush Hour
Mastermind

Math Facts Fluency Games

Games to Play with a Pair of Dice
Multiplication Face Off
Acing Math Card Games

Brain Teasers
Number Stumper Brain Teasers

Brain Teasers Set A
Brain Teasers Set B

1-2 Nim
Materials: About 10 pennies, or any other object. This game is extremely simple to learn, but has more strategy than you might think. Place a small pile of pennies between two players. Players take turns removing one or two pennies from the pile. You must take at least one penny on your turn, but you may not take more than two. Whoever takes the last penny is the winner.
You can play 1-2 Nim with anything: pennies, beans, socks, lines on a piece of paper, etc. You can also try 1-2-3 Nim, where you can take 1, 2, or 3 pennies on your turn.

Online Resources
Xtramath
Freckle
Pearsonrealize.com
Khan Academy - Mappers
ABCYA
3rd Grade Math Activities
Here are some activities to do at home if you choose.

Bowling For Facts
Materials:
- 3 dice
- ten circles drawn in the shape of bowling pins, then write the numbers 1-10 in the circles
- markers (Legos, beans, pennies, etc.) to cover the numbers

Directions:
- Player 1 rolls the three dice
- Using all three numbers each time exactly once, Player 1 works to write equation to equal as many of the numbers 1 to 10 as possible using any operation (addition, subtraction, multiplication, division)
- Record each number sentence and cross out the corresponding numbered bowling pin.
- Can you eliminate each of the ten numbers for a strike? If not, roll again and use the new numbers to create number sentences. Can you eliminate the remaining numbers for a spare?
- Player 2 repeats the directions.

Hailstone Sequence Game
Try one of the world's unsolved problems in mathematics, which is, in itself very cool. It involves a sequence of numbers called a Hailstone sequence.

The sequence is called this because the numbers go up and down again, like this:

20-10-5-16-8-4-2-1

A hailstone sequence follows these rules:
- If a number is even, divide it by 2.
- If a number is odd, multiply it by 3 and add 1.

Try working with some hailstone strings of numbers that have different starting numbers and see if you always end at 1.
3rd Grade Literacy Activities

Here are some activities to do at home if you choose. Based on your child’s level please choose activities that they are able to complete independently or with support from an adult.

**Reading**

Your child should be reading 20 minutes everyday. Below are some ideas to do with the stories/books they are reading. You can use a blank sheet of paper to do the below activities for reading and writing:

- What was the most exciting part of the text? Explain why in 3 to 5 sentences. Illustrate what your face looked like when you read that part.
- Where did this text take place? Have you ever been to a place like this? Illustrate the setting.
- What is the main idea of the text? Explain how you know using 3 supporting details from the text to backup your answer.
- Identify something that happened in the text. Using transition words (Like: first, next, finally, after that, second…) explain how the event happened in at least 3 steps. Illustrate and label each step.
- Draw a t-chart and label one side “Cause” and one side “Effect”. Identify 3 different Cause and Effect relationships from the text.
- Find a photograph or illustration in the text. Draw the photograph or illustration below. Explain how this picture relates to the text.
- What event from the passage was the most surprising? Explain how the reactions are the same or different from yours?
- What was the problem in the passage? Support your answer with details from the story.
- Retell the story in 5 good, detailed sentences.
- Student Resources on the District website has links to additional activities

**Writing**

- **Snappy Travel.** Imagine you could snap your fingers and be anywhere else in the world. Write about where you’d go.
- **Book Bound.** If you could be the main character from your favorite book, who would you be? Write about an adventure you might have.
- **School Pride.** What is the best thing about being a student at your school?
- **Best Pets.** Which animal makes the best pet? Give at least three reasons for your opinion.
- **Holidays.** What is your favorite holiday? Explain how you celebrate it.
- **Game On.** What’s your favorite game? Explain the rules to someone who has never played it before.
- **Marsupials.** Marsupials are animals who carry their babies in pouches. With the exception of the opossum, all marsupials live in Australia. Choose one of them to learn more about.
- **Bat Signal.** How do bats use echolocation?

**Online Resources**

- **Lexia**
- **Vooks has free online books and lesson plans:** [www.vooks.com/parent-resources](http://www.vooks.com/parent-resources)
- **Getepic.com – free trial for 30 days for parents** [https://www.getepic.com/](https://www.getepic.com/)
- **Mystery Doug** [https://mysterydoug.com/](https://mysterydoug.com/)
- **ABC ya** [https://www.abcya.com/](https://www.abcya.com/)
- **Brain POP jr** [https://jr.brainpop.com/](https://jr.brainpop.com/)
- **Pebble Go** [https://pebblego.com/free-pebblego-capstone-interactive-access-school-closures?fbclid=IwAR0Idr6T3grhEDzJfEpYvNGG13kqYo5ogwEqYnEw7QBkX8L4u7cEIS0nE](https://pebblego.com/free-pebblego-capstone-interactive-access-school-closures?fbclid=IwAR0Idr6T3grhEDzJfEpYvNGG13kqYo5ogwEqYnEw7QBkX8L4u7cEIS0nE)
- **Here is a link to a reading packet if you have access to a printer, this can be printed out.** [https://drive.google.com/open?id=11S5_OtAGYIaYcNhIjxMHyB0ERjffAbI](https://drive.google.com/open?id=11S5_OtAGYIaYcNhIjxMHyB0ERjffAbI)
- **Scholastic – At home reading activities** [https://classroommagazines.scholastic.com/support/learnathome.html](https://classroommagazines.scholastic.com/support/learnathome.html)
3rd Grade SLA Activities

Here are some activities to do at home if you choose. Based on your child’s level please choose activities that they are able to complete independently or with support from an adult.

## Reading

Your child should be reading 20 minutes everyday. Below are some ideas to do with the stories/books they are reading. You can use a blank sheet of paper to do the below activities:

- **What was the most exciting part of the text?** Explain why in 3 to 5 sentences. Illustrate what your face looked like when you read that part.
- **Where did this text take place?** Have you ever been to a place like this? Illustrate the setting.
- **What is the main idea of the text?** Explain how you know using 3 supporting details from the text to back up your answer.
- **Identify something that happened in the text.** Using transition words (Like: first, next, finally, after that, second…) explain how the event happened in at least 3 steps. Illustrate and label each step.
- **Draw a t-chart and label one side “Cause” and one side “Effect”.** Identify 3 different Cause and Effect relationships from the text.
- **Find a photograph or illustration in the text.** Draw the photograph or illustration below. Explain how this picture relates to the text.
- **What event from the passage was the most surprising?** Explain how the reactions are the same or different from yours?
- **Student Resources on the District website has links to additional activities**

## Writing

- **Favorite Toy.** Choose your favorite toy and describe why is it a great toy.
- **Super Powers.** If you had a superpower, what would it be and what would you use it for?
- **Colorful.** Imagine that you can only see one color for the rest of your life. What color would you choose? Why?
- **Invisible!** You woke up on Saturday and . . . you are invisible! What will you do?
- **Be Happy!** Make a list of 25 things that make you feel happy.
- **Places.** Make a list of 25 places you like or would like to visit.
- **Helping Others.** If you could do something nice for somebody today, what would you do?
- **Animal Fun.** If you could be any animal for one day, what animal would you be? Imagine your time as that animal and tell about your morning, afternoon, and night,

## Online Resources

There are many resources through our district Parent Toolkit page:  
https://www.dist50.net/Page/445

- Getepic.com - free trial for 30 days for parents  
  https://www.getepic.com/
- ABC ya  
  https://www.abcya.com/
- Conjugemos  
  https://conjuguemos.com/
- Brain POP jr  
  https://esp.brainpop.com/
- Pebble Go  
  https://pebblego.com/free-pebblego-capstone-interactive-access-school-closures?fbclid=IwAR0Idr6TT3grhEDzJ_fEpYvNGG13kqYo5ogwEqYneW7QBkX8L4u7cElS0nE
- PBS Kids  
  https://pbskids.org/games/spanish/