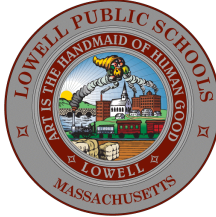

*Lowell Public Schools
Curriculum, Instruction, and Assessment
Henry J. Mroz Administration Office
155 Merrimack Street
Lowell, Massachusetts 01852*



**Get Ready for School!
Summer Mathematics Activities
Entering Grade 2
2018**

Dear Guardian and Student,

Just like reading, regular practice over the summer with math will help your child prepare for entering the next grade. Please use the math activity list to have fun talking and doing mathematics together! Remember to always ask your child, "How did you figure it out?"

To use the math activity list:

- This summer try to complete the number of activities recommended for your grade level.
- When you do one, cross it off. Write down on the log on the back of this sheet which activity you did.
- Bring the log back to your new teacher in September for a school reward and a chance to be selected to attend a fall televised school committee meeting for a "Spotlight on Excellence!"



- When you see this symbol, choose 1 or more activities from page 2.
- Some helpful materials to have around:
 - A folder for these papers
 - Blank paper
 - A pencil
 - A deck of playing cards with the kings, queens, and jacks taken out
 - A pair of dice
 - Crayons
 - Coins

Have a great summer vacation!

Sincerely,

Robin Desmond
Assistant Superintendent
Curriculum, Instruction, and Assessment Office

Summer Math Activity Log

Activity log for student entering grade _____. Record the dates and descriptions of the math activities you complete. Bring this log back to your new teacher in August.


















Activity #	Date Completed	Description of Activity
Example	7/2/18	The Math Problem about drawing 2 dogs. <i>OR</i> choice activity, like Candy Land...
#1		
#2		
#3		
#4		
#5		
#6		
#7		
#8		
#9		
#10		
#11		
#12		
#13		
#14		
#15		
#16		
#17		
#18		
#19		
#20		

Student's Name: _____

Parent Signature: _____

Get Ready for Grade 2: Math Activities

Complete at least 15 math activities this summer. Each time, choose an activity from the boxes below - or from the back. Cross off a box when you do it and record the activity on your math log.

Count from 87 to 120 and back.	Choose from the back! 	Use your shapes to make a Fourth of July picture.	Use quick tens and ones to draw 76.	Choose from the back! 
Do counting squats. Count from 45 to 60 and back the Say Ten Way.	Choose from the back! 	Choose from the back! 	Solve $36 + 20$. Draw a picture to show your thinking.	Choose from the back! 
Write numbers from 37 to as high as you can in one minute, while whisper-counting the Say Ten Way.	Choose from the back! 	Choose from the back! 	Choose from the back! 	Use real coins or draw coins to show as many ways to make 25 cents as you can.
Choose from the back! 	Go on a shape scavenger hunt. Find as many rectangles, triangles, and circles as you can.	Choose from the back! 	Use quick tens and ones to draw 45 and 54. Circle the greater number.	Choose from the back! 
Write the numbers from 75 to 120.	Choose from the back! 	Choose from the back! 	Do jumping jacks as you count up by tens to 120 and back down to 0.	Choose from the back! 
Choose from the back! 	Choose from the back! 	Measure the route from your bathroom to your bed. Walk heel to toe, and count your steps.	Choose from the back! 	Make a story problem that goes with $17 + 5$.

Get Ready for Grade 2



Choice Activities



1. **Do iReady:** Lessons on the computer or tablet that are just right for your child! Great opportunity!!!!
Sign in here: <https://login.i-ready.com/> or download the tablet app through Puffin Academy.

2. **Read a Cool Mathematics Book:**

A Chair for My Mother by Vera B. Williams
Benny's Pennies by Pat Brisson
Brown Bear, Brown Bear, What do you See? by Eric Carle
Chick Chicka 1-2-3 by Bill Martin
Emeka's Gift by Ifeoma Onyefulu
Inch by Inch by Leo Leonni
My Painted House, My Friendly Chicken, and Me by Maya Angelou

Out for the Count by Kathryn Cox
Pattern Fish by Trudy Harris
Rooster's Off to See the World by Eric Carle
Ten Flashing Fireflies by Hilemon Sturges
The Greedy Triangle by Marilyn Burns
The Very Hungry Caterpillar by Eric Carle
This is the Way We go to School by Edith Baer

Pollard Memorial Library Website: www.pollardml.org

* Find additional Mathematics Literature at our local library

3. **Use a cool mathematics website!**

<http://www.gregtangmath.com/games>
www.aaamath.com
www.coolmath4kids.com
<http://pbskids.org/games/measurement/>

www.mathplayground.com
[www.primarygames.com/curriculum/math.h
tm](http://www.primarygames.com/curriculum/math.htm)
www.funbrain.com
www.zearn.org/

LPS Websites: <http://www.lowell.k12.ma.us/pages/lpsd>

*Find additional information at our district website

4. **Do a counting activity or game:**

Double Compare – Deal all the cards out. Put the set of cards facedown. Both players turn over the top two cards and add them to find the sum. The player with the larger number gets all four cards. If they are the same number both players turn over another set of cards and the larger sum takes all. The game is over when there are no more cards to turn over. Whoever has the most cards, wins. (Like “War” but with adding two cards.) **Extension:** Instead of adding the two numbers together, subtract the smaller from the larger to get the difference. The person with the smallest difference gets all four cards.

Close to 20 – Deal 5 cards to each player. Place them face up in front of you. Which three cards add up to be closest to 20? Ex. You turn over the following cards 5, 4, 10, ACE, and 3, and your opponent turns over an ACE, 8, 7, 2, and 3. You can make 19 with the 5, 4, and 10 and your opponent can make 18 with the 8, 7, and 3. You win because 19 is closer to 20.

Make Ten - Like “Go Fish” but players ask for cards that add up to 10 instead of the same number. For example, someone with a 3 would ask if the other player has a 7.

Play a board game such as: Checkers, Memory, Chutes and Ladders, jigsaw puzzles, Parcheesi, Fish, Crazy Eights, Candy Land, Connect Four, Legos, K’Nex.