



## Entering Grade 1

### Directions:

Malden Public Schools is encouraging students to complete the Summer Math this summer in order to retain the skills they have acquired this past school year and so they are ready for the next academic year. Students have two options, a digital assignment or a hands-on written assignment. One needs to be completed in order to receive credit and a surprise. The descriptions of the two options are explained below.

- **Option A**
  - IXL-Students will login and use IXL a minimum of 30 minutes a week, for ten weeks. During that time, students will work on recommended skills that will strengthen skills while also challenge them. Student usage is tracked by IXL and will be checked the first week of school in order to receive credit for the assignment.
- **Option B**
  - Listed below are 20 activities. Students will need to complete a minimum of 16 activities in order to receive credit for this assignment. Any work that needs to be written may be done on separate paper and attached to this form, to be turned in the first week of school.

### Activity List:

- Write the names of the people in your house.
  - Count the letter in each name and circle the name with the most letters.
  - How many letters are there if you add all the letters in the names together?
- Practice counting on from numbers other than 1.
  - Start at 4, then start at 17, and finally start at 32. Record what you counted.
  - Now try counting backwards, and record what you counted.
- Go on a shape hunt. Look for items shaped like a circle, square, cube, sphere, rectangle, cylinder, and prism. Look inside and outside!
  - Draw and label what you saw.
- Find a group of objects to sort (i.e. toys, laundry, cans, food, etc.).
  - Record at least two ways that you sorted the objects and name each group.
- Help set the table for a meal.
  - How many people are there?
  - How many forks, spoons, and knives do you need?
  - What about plates and napkins?
  - List or draw the amount of each that you needed.
- Get some coins (i.e. pennies, nickels, and dimes).
  - What are the names of the coins?
  - What is each coin worth?
  - Practice counting by ones with the pennies, count by fives with the nickels, and count by tens with the dimes.
  - What is the value of the coins?

- Do this 5 times, with 5 different amounts of coins.
- Make a chart of the weather for a week.
  - Record the number of sunny days, cloudy days, and rainy days.
  - Which had more?
- How high can you count? Can you count by 10s?
  - Challenge: Can you count by 10s starting at 13 or 27?
  - Record the numbers you counted.
- Write your last name. If A=1, B=2, C=3, D=4, etc.
  - What is your last name worth? Write an addition equation to show the total.
- Sort the laundry.
  - Sort by owner and write the name of the person who had the most.
  - Sort by color and write the color that had the most laundry.
  - Sort by item (i.e. socks, shirts, shorts, etc.) and write which item had the most.
  - Write the total for each group.
  - Pair up the socks and skip count by 2s.
- Draw and label a picture of your family from tallest to shortest.
- Draw a picture using the shapes you learned about this year (i.e. squares, circles, rectangles, triangles, hexagons). Label the names of the shapes in your picture.
- Ask your family which food they would like to have at a cookout.
  - Which food did people want the most?
  - Which food did people want the least?
  - Make a picture to show what you found.
- Count backwards.
  - Start at
    - 10.....
    - 15.....
    - 20.....
    - 25....
    - 30....
  - Record your counting.
- Cut out some pictures from a magazine, newspaper, or draw some of your own that show how numbers are used in real life.
- Measure things in your house, using objects that you have, other than a ruler (i.e. paper clips, spoons, shoes, crayons). Compare two objects.
  - Which one was longer?
  - Which one was shorter?
  - How do you know? Explain.
- As you walk or drive in the car, try to find all the number 0, 1, 2, 3, 4, 5... in order. Record the numbers you found in order. Circle the last number you found.
- Take a walk outside. Record how many insects, birds, and mammals you see.
  - What did you see the most of?
  - Try using tally marks to keep track.
- How long is your room?
  - Measure the distance in blocks or toys.
  - Then measure again using your feet. Record your measurements.
  - Write down which one was more and which one was less.
- Count how many times you can jump in a minute!
  - Write down how many jumps you made on three tries.
  - Circle which one was more.