



## **Maclay Lower School Summer Work for Rising Fourth Graders**

Dear Families,

We cannot wait to welcome your child to Fourth Grade in the Fall! Here are some activities for you to do over the summer with your child to keep their brain growing:

### **IXL**

IXL is a personalized, interactive learning platform. Students have been assigned "Summer Boost" activities in both ELA and Math to support what they have learned this year. Students may log-in on either a tablet or computer to complete their activities. We suggest that students complete one Math and one ELA activity each day. Please see the IXL Information Sheet for how to sign in and use the app.

### **Reading**

Students should spend at least 20 minutes a day engaging with books. Here is a list of books your child may enjoy:

- *Tales of a Fourth Grade Nothing* by Judy Blume
- *The Lemonade War* by Jacqueline Davies
- *Shiloh* by Phyllis Reynolds Naylor
- *The Lightning Thief* (Percy Jackson) by Rick Riordan
- *Mouse and the Motorcycle* by Beverly Cleary
- *The Comeback Kid* by Mike Lupicia (choose any book from this series)
- *Santiago Saw Things Differently* by C. Iverson
- *How Was That Built?* By A. Agrawal

### **Math**

Here is a list of activities that your child can do at home to keep practicing math skills:

- Do jumping jacks as you count by twos from 2 to 20 and back

- Time how long it takes you to do a specific chore, like making the bed. See if you can do it faster the next day
- Collect data about your family or friends' favorite type of music. Show it on a bar graph. What did you discover from your graph?
- Read a recipe. What fractions does the recipe use?
- Do squats as you count by threes from 3 to 30 and back
- Measure the widths of different leaves from the same tree to the nearest quarter inch. Then, draw a line plot of your data
- Draw and label a floor plan of your house
- Go on a shape scavenger hunt. Find as many quadrilaterals in your neighborhood or house as you can
- Find, draw, and/or create different objects to show one-fourth
- Write a story problem for different multiplication and division facts (ex:  $7 \times 6$  or 72 divided by 8)
- Measure the weight of different produce at the grocery store. What unit did you measure in? What are the lightest and heaviest objects you weighed?

Students may use Mathigon's Multiplication by Heart website to practice fact fluency in an engaging way: <https://mathigon.org/multiply>

- No login needed