Learning Guide for Families

A summary of what children should know and be able to do and ways for families to increase learning at home.



"We believe families are our partners.

They are the first and most powerful educators of children. Together we will ensure success for all students."

—Superintendent Emmanuel Caulk,
Portland Public Schools

About these learning guides:

This learning guide represents some of the most essential things your child should know and be able to do by the END of the school year in English language arts (ELA) and Math. Learning goals help families and teachers know when students may need extra support and when they need to be challenged even more.

What can families do?

There is a lot you can do to support your child's learning and help prepare them for their future. Here are a few things that will help students learn:

- 1. Let your child know that education is important to you. Tell them education matters, that it's the foundation for success.
- 2. Make school a priority, get your child to school on time every day.
- 3. Work cooperatively with the school and demonstrate respect for teachers and staff.
- 4. Encourage independence, allow your children to make mistakes and accept responsibility for their choices.
- 5. Talk to your child about what is happening in school.
- Talk to your child's teacher to make sure your child is making progress throughout the year.
- 7. Attend parent-teacher conferences and other school events whenever possible.
- You have a right to know how your child is doing, don't hesitate to contact their teacher if you have questions.

Talking with your Child's Teacher

It's important to talk with your child's teacher and school regularly about your student's progress toward learning goals. Here are some questions or topics you may want to discuss:

- Review this learning guide and ask where your student is strong and where they need improvement.
- In addition to the learning goals in this guide, are there other goals your child is expected to master?
- Ask to see examples of your student's work and how they meet or do not meet learning goals.
- Ask how your child's progress is measured throughout the year.
- Ask if your child is on track to meet grade-level learning goals. If not, what supports will the school offer? What can you do at home?
- Ask if your child is at or above learning expectations. If so, what else does the school offer? What can I do at home?

Talking with your Child

"How was school today?"

"Fine."

"What did you do?"

"Nothing"

Does this sound familiar? That's okay, keep asking! Students whose parents talk with them about school do better in school. Here are some ways you can engage with your child and support their success:

- Make time to talk with your child about school every day.
- Ask your child to tell you one thing they learned today. What does your child think is most interesting? What seems hard?
- Review papers and projects your child brings home from school. Ask your child to tell you what learning it demonstrates.
- Praise your child for hard work and effort, not just "right answers".
- Ask questions about what your child is thinking: How do you know that? What do you think? What do you notice? Why did you do it that way? Is there another way to find that answer?

Supporting Learning Away from School

Learning doesn't have to stop when students leave school. Students spend more time out of school than in school. Here are some ways you can support learning outside of school:

- Read to your child, read with your child, and encourage family reading time—in the language you are most comfortable.
- Set up a quiet and comfortable place for your student to do homework or other learning activities.
- Try to establish a regular schedule for doing homework or other learning activities.
- Use this guide to focus on a few learning goals, try some of the suggestions for learning at home.

Grade 4

What your student should know and be able to do in English Language Arts (ELA):

Language

- Express an opinion of a book, story, or article he/she has read using supporting details.
- □ Identify the meanings of common idioms (phrases that express ideas other than what the words actually mean) such as "a drop in the bucket" or "a piece of cake".
- ☐ Figure out the meaning of unfamiliar words by using knowledge of common prefixes (such as de-, ex-, and pre-) and suffixes (such as -er, -ly, and -ous).

Reading and Literature

- Distinguish cause and effect in a nonfiction book or article.
- Identify themes or lessons in stories and fables.
- Identify rhyme, rhythm, repetition, similes, metaphors, and sensory images in poems.

Writing

- ☐ Write opinion of a story, using details from the text to support his/her ideas.
- ☐ Gather information from many sources and write a summary of the research using his/her own words and clear organization.
- ☐ Write a story that contains dialogue and descriptions of characters and events.



Ways to Encourage ELA Learning at Home

☐ Collect idioms with your child, such as "Don't count your chickens before they hatch," and "It's raining cats and dogs." Talk about what these sayings really mean.
□ Read fiction (stories, folktales, and fables), nonfiction, and poems with your child. Discuss the themes or lessons when reading fiction and talk about what you each learn when reading nonfiction. When you read poetry, discuss how poets use words to create images.
☐ Discuss what your child is learning in science. Identify something he/she is really interested in, such as animals that use camouflage, and look for information about this topic together on the Internet and at the library.
Notes:

Please also connect with your child's teacher and ask about home learning resources associated with your school's specific reading and writing programs.

Grade 4

What your student should know and be able to do in Math:

- Make sense of and solve multiplication and division problems using different tools such as arrays (numbers or objects in rows and columns), reasoning skills, and basic number facts.
- ☐ Continue to build knowledge of the number system to 10,000 and beyond. Use this knowledge when adding, subtracting, and comparing large numbers.
- Understand that common fractions can be parts of a whole and parts of a collection.
- Understand equivalent fractions and decimals, such as 3/4 and .75.
- ☐ Create and use tables and graphs to represent situations with a constant change. For example, a savings account that grows by \$2.00 each week.
- □ Recognize and describe the features of two-dimensional shapes.

 For example: the number of sides, parallel sides, or size of angles of a rectangle.
- ☐ Recognize and describe the features of three-dimensional shapes. For example: the faces and angles of a cube.

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- □ Determine the size of angles relative to a right (90-degree) angle. For example: a 30-degree angle is 1/3 of a 90-degree angle.
- Determine the area and perimeter of two-dimensional shapes.
- Collect, represent, analyze, and interpret data.
- Compare two groups of data.



Math Learning at Home
Solve a multiplication problem together. Ask your child how they solved it. Compare with how you solved it. Ask if there is another way to solve it. Try the different ways of solving on other problems.
□ Look at shapes in magazines, newspapers, and everyday objects. Discuss whether the shape has angles that are 90 degrees (right angles), less than 90 degrees, or greater than 90 degrees.
□ Have your child find the area of a tabletop, desktop, or rug in your house. Before measuring, you can each first predict how many square units it might be and compare the predictions with the answers.
☐ When cooking or baking, have your child measure the ingredients and name the fraction. Ask how much you would need of each ingredient if you needed to double the recipe.
Make a graph showing the times the sun rises or sets in Portland, using data from the newspaper or online.
Notes:

Please also connect with your child's teacher and ask about home learning resources associated with your school's specific math program.

Grade 4



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