

# SECOND GRADE

## Trimester 3

### TALK TO YOUR CHILD ABOUT SCHOOL

#### You can ask...

- ☐ Can you tell me about something you **read** today?
- ☐ How could you use the **math** you learned today?
- ☐ What **scientific ideas** did you talk about today?
- ☐ How did you contribute to your **community** today?
- ☐ How did someone help you learn today?



### ENGLISH LANGUAGE ARTS & LITERACY

#### In this Trimester, your child will:

- Read various texts, like books, poems, letters, news articles, and Internet pages.
- Speak and listen in formal and informal ways, like presentations and conversations.
- Communicate opinions, information, and experiences in writing for various readers.

### SCIENCE AND TECHNOLOGY/ ENGINEERING

#### In this Trimester, your child will:

- Ask scientific questions about the natural world and things humans design.
- Learn through various experiences, like observations and experiments.
- Solve problems using the skills and tools of engineers and scientists.

### MATHEMATICS

#### In this Trimester, your child will:

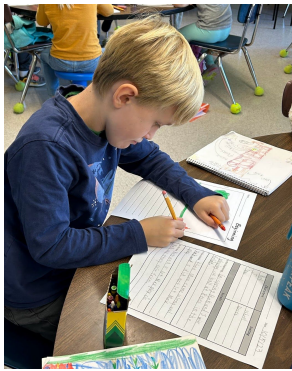
- Use math to represent and solve real-world problems.
- Use math to make arguments about why something is true or false.
- Use tools, like rulers and calculators, to show mathematical relationships.

### HISTORY AND SOCIAL SCIENCE

#### In this Trimester, your child will:

- Learn about their local community and about the state, country, and world.
- Discover how people and events from the past relate to the present.
- Work to understand how different people see the world differently.





## Grade 2, Trimester 3 Big Ideas and Concepts:

- Know and apply grade level phonics and word analysis skills to decode unknown words
- Recognize and read irregularly spelled words (including high frequency words)
- Read with sufficient accuracy and fluency to support comprehension
- Read various genres including realistic fiction, biography, persuasive text, expository text, myth, and poetry
- Write in various genres
- Apply grade level speaking and listening skills

## By the end of Grade 2, Trimester 3 students can:

- Decode and spell words with common vowel teams.
- Decode two-syllable words with long vowels.
- Describe how characters in a story respond to major events and challenges.
- Know and use various text features to locate key facts or information in a text efficiently.
- Write opinion pieces that state an opinion and supply reasons that support the opinion.
- Write informative texts that introduce a topic, use facts and definitions to develop points, and provide a concluding statement or section.

### Questions you can ask your child:

- ★ What problem did the character face? How did they solve it?
- ★ What is your opinion? What are your reasons?
- ★ What does fluent reading sound like?

### Topics you can discuss with your child's teacher:

- ★ Strategies for practicing reading and writing over the summer break

## Grade 2, Trimester 3 Big Ideas and Concepts:

- Represent and solve problems involving addition and subtraction
- Use place value understanding and properties of operations to add and subtract
- Work with equal groups of objects to gain foundations for multiplication
- Measure and estimate lengths in standard units
- Represent and interpret data
- Reason with shapes and their attributes

### Questions you can ask your child:

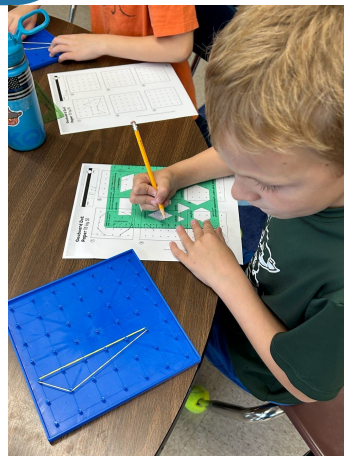
- ★ About how many inches/centimeters is this object?
- ★ What shape is this object?
- ★ Is \_\_\_ more or less than \_\_\_?

### Topics you can discuss with your child's teacher:

- ★ Suggestions for applying math concepts/skills to real-world contexts.
- ★ Strategies for practicing math skills over summer break

### By the end of Grade 2, Trimester 3 students can:

- Add up to four 2-digit numbers.
- Compare 3-digit numbers.
- Estimate and measure objects in inches and centimeters.
- Represent data on a line plot.
- Recognize and draw shapes with specific attributes.
- Partition shapes into equal shares.







## Grade 2, Trimester 3 Big Ideas and Concepts:

- Develop and use models to compare how plants depend on their surroundings and other living things to meet their needs in the places they live
- Use texts, media, or local environments to observe and compare different kinds of living things in an area, and differences in the kinds of living things living in different types of areas
- Design and conduct an experiment to show the effects of friction on the relative temperature and speed of objects that rub against each other
- Describe and classify different kinds of materials by observable properties of color, flexibility, hardness, texture, and absorbency
- Analyze data from tests of two objects designed to solve the same design problem to compare the strengths and weaknesses of how each object performs

### By the end of Grade 2, Trimester 3 students can:

- Describe what plants need to survive.
- Describe how plants and animals depend on each other in an ecosystem.
- Compare and contrast different materials based on their properties.
- Explain why we choose different materials for different purposes.
- Explain what happens to an object when it slides on a rough surface or a smooth surface.

#### Questions you can ask your child:

- ★ What kind of materials should you use for this task?
- ★ What happens to butter at different temperatures?

#### Topics you can discuss with your child's teacher:

- ★ Places in the community that can help your child learn science

## Grade 2, Trimester 3 Big Ideas and Concepts:

- Investigate reasons why people migrate (move) to different places around the world, recognizing that some migration is voluntary, some forced
- Give examples of why the United States is called “a nation of immigrants”
- Conduct interviews with family members, neighbors, friends, or school staff to discover where their families came from, how and why they moved to where they now live, and when and why their families came to Massachusetts
- Identify what individuals and families bring with them when they move to a different place and identify the significant impacts of migration; identify elements that define the culture of a society; explain how the community is enriched by contributions from all the people who form it today

### Questions you can ask your child:

- ★ Why would someone move to a new place?
- ★ What are some of the cultures represented in your class?
- ★ Where did your ancestors come from?

### Topics you can discuss with your child's teacher:

- ★ What are some grade level books we can read together to learn more?

### By the end of Grade 2, Trimester 3 students can:

- Identify the types of problems people face that might be addressed by migration.
- Explain why people move to a new location or stay in a particular location.
- Give examples of traditions or customs from other countries practiced in the United States today.
- Describe traditional foods, customs, games, and music of the place they, their family, or their ancestors came.



Amazon

