

# THIRD GRADE

## Trimester 1

### 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.
- Use knowledge of English grammar and vocabulary in both speech and writing.

### 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:

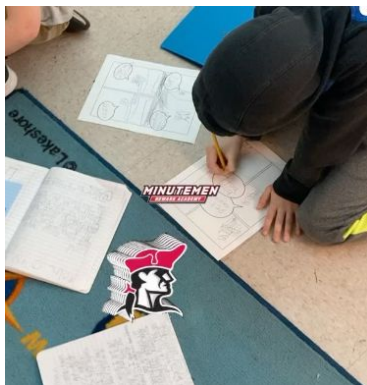
- Use math to represent and solve real-world problems.
- Use math to make arguments about why something is true or false.
- Use tools, like rulers and calculators, to show mathematical relationships.

### HISTORY AND SOCIAL SCIENCE

#### In 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.
- Use various sources of information in research, discussion, and inquiry.





## Grade 3, Trimester 1 Big Ideas and Concepts:

- Expectation #1: Identify different text features and how they help the reader.
- Expectation #2: Retell stories, including realistic fiction, determine the central message, lesson, or moral and explain how it is conveyed through key details in a text.
- Expectation #3: Organize writing in ways that help readers understand. For example, use linking words and phrases like “another reason” and “after that” to connect ideas and information.

## By the end of Grade 3, Trimester 1 students can:

- Outcome #1: Stay on topic and ask and answer questions during discussions.
- Outcome #2: Sound out words with two or more syllables. Use story clues to determine what words mean.
- Outcome #3: Use pictures, headings, and other visual clues to help understand a story or article.
- Outcome #4: Describe characters in a story. Explain how their actions affect what happens.

### Questions you can ask your child:

- ★ Who is the story about?
- ★ What do you think that word might mean? How can you figure it out?

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

- ★ Books and authors to look for at the library
- ★ Types of writing your child is working on

## Grade 3, Trimester 1 Big Ideas and Concepts:

- Expectation #1: Solve two-step word problems using addition and subtraction.
- Expectation #2: Develop strategies for solving multiplication and related division facts.
- Expectation #3: Tell time on an analog clock and solve problems involving elapsed time.
- Expectation #4: Use place value understanding and properties of operations to perform multi-digit arithmetic.

### Questions you can ask your child:

- ★ How do you use your number grid to add or subtract?
- ★ It takes 30 minutes to get to practice, what time will we need to leave to arrive by 5:30?

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

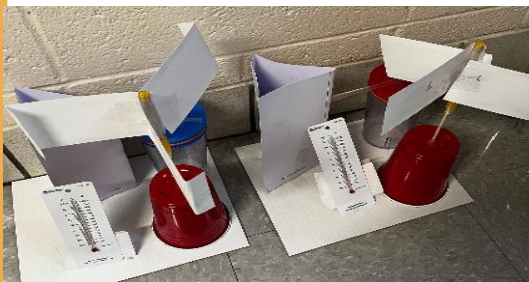
- ★ How can I help my child master addition and subtraction facts?
- ★ Strategies for telling time and elapsed time
- ★ Methods you use for rounding

## By the end of Grade 3, Trimester 1 students can:

- Outcome # 1: Multiply using strategies for all one-digit numbers times 1, 2, 5 and 10.
- Outcome # 2: Solve two-step word problems with addition, and subtraction using equal groups and arrays.
- Outcome # 3: Add/Subtract within 1,000 using strategies based on place value.
- Outcome # 4: Round numbers to the nearest 10 and nearest 100.
- Outcome # 5: Tell time to the nearest 5 minutes and use a number line to determine elapsed time.
- Outcome # 6: Represent and interpret data on a scaled bar graph.







## Grade 3, Trimester 1 Big Ideas and Concepts:

- Expectation #1: The role of a scientist.
- Expectation #2: The role of an engineer.
- Expectation #3: Introduction and application of the scientific method.
- Expectation #4: Introduction and application of the engineering design process.
- Expectation #5: Create and interpret scientific models, including a model of an aluminum atom and the solar system.

## By the end of Grade 3, Trimester 1 students can:

- Outcome #1: Use graphs and charts to talk about weather patterns around the world.
- Outcome #2: Use the engineering design process to solve a problem like flooding.
- Outcome #3: Use the scientific method to investigate a question.

### Questions you can ask your child:

- ★ What is an atom?
- ★ Why is gravity important?
- ★ What is a scientist?
- ★ What is an engineer?

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

- ★ The scientific method
- ★ The engineering design process
- ★ Inquiry based learning

### Grade 3, Trimester 1 Big Ideas and Concepts:

- Expectation #1: Understand relationships among Native Peoples, Europeans, and Africans in early Massachusetts.
- Expectation #2: Explain how Native Peoples first came into contact with Europeans, and explain why Europeans in the 16th–17th centuries sailed westward across the Atlantic.
- Expectation #3: Explain the diversity of Native Peoples, present and past, in Massachusetts and the New England region.

#### Questions you can ask your child:



- ★ What are the states that make up New England?
- ★ What are some of the Indigenous Tribes in Massachusetts?

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



- ★ Places nearby that are important to the history of Indigenous Peoples
- ★ Books about Native Peoples, Pilgrims, and Explorers

### By the end of Grade 3, Trimester 1 students can:

- Objective #1: Find the Northeast United States on a map. Find and name the New England states.
- Objective #2: Describe the various Native Peoples who live or lived in Massachusetts and New England. Explain how the Native Peoples in this area first met Europeans in the 1500s and 1600s.
- Objective #3: Describe what the Europeans thought about the Native Peoples and the environment.
- Objective #4: Explain why the Pilgrims settled in the Plymouth Colony. Describe the Mayflower Compact, the challenges Pilgrims faced, and their relationships with Native Peoples.

