M IS FOR MAYFLOWER:
A MASSACHUSETTS ALPHABET

TEACHER’S GUIDE
WRITTEN AND PREPARED BY PATRICIA PIERCE

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Create your own Mayflower to transport Massachusetts symbols.

Read *M is for Mayflower* and complete the missing facts on the sails of the ship. Cut out the picture along the dotted lines and glue a 3-1/8” x 5-1/2” clasp envelope to the back of the picture. Cut out the remaining state symbols listed on the following pages and place inside the envelope.
<table>
<thead>
<tr>
<th>Nickname</th>
<th>Citizenry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bay State</td>
<td>Bay Staters</td>
</tr>
<tr>
<td>Old Bay State</td>
<td></td>
</tr>
<tr>
<td>Heroine</td>
<td>Folk Hero</td>
</tr>
<tr>
<td>Deborah Samson</td>
<td></td>
</tr>
<tr>
<td>Dog</td>
<td>Cat</td>
</tr>
<tr>
<td>Boston Terrier</td>
<td></td>
</tr>
<tr>
<td>Horse</td>
<td>Marine Mammal</td>
</tr>
<tr>
<td>Morgan Horse</td>
<td></td>
</tr>
<tr>
<td>Bird</td>
<td>Game Bird</td>
</tr>
<tr>
<td>Black-Capped Chickadee</td>
<td></td>
</tr>
<tr>
<td>Insect</td>
<td>Fossil</td>
</tr>
<tr>
<td>Ladybug</td>
<td>Dinosaur Tracks</td>
</tr>
<tr>
<td>Beverage</td>
<td>Bean</td>
</tr>
<tr>
<td>Cranberry Juice</td>
<td></td>
</tr>
<tr>
<td>Muffin</td>
<td>Dessert</td>
</tr>
<tr>
<td>Corn Muffin</td>
<td></td>
</tr>
<tr>
<td>Cookie</td>
<td>Shell</td>
</tr>
<tr>
<td>Chocolate Chip Cookie</td>
<td></td>
</tr>
<tr>
<td></td>
<td>New England Neptune</td>
</tr>
<tr>
<td>Gem</td>
<td>Mineral</td>
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<td>-----------</td>
<td>----------------</td>
</tr>
<tr>
<td>Rhodonite</td>
<td>Babingtonite</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Historical Rock</th>
<th>Explorer Rock</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plymouth Rock</td>
<td>Dighton Rock</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Building Rock / Monument Stone</th>
<th>Soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Granite</td>
<td>Paxton Soil Series</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poem</th>
<th>Song</th>
</tr>
</thead>
<tbody>
<tr>
<td>“Blue Hills of Massachusetts”</td>
<td>“All Hail to Massachusetts”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ceremonial March</th>
<th>Folk Song</th>
</tr>
</thead>
<tbody>
<tr>
<td>“The Road to Boston”</td>
<td>“Massachusetts”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Patriotic Song</th>
<th>Glee Club Song</th>
</tr>
</thead>
<tbody>
<tr>
<td>“Massachusetts (Because of You Our Land Is Free)”</td>
<td>“The Great State of Massachusetts”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Folk Dance</th>
<th>Polka Song</th>
</tr>
</thead>
<tbody>
<tr>
<td>Square Dancing</td>
<td>“Say Hello to Someone from Massachusetts”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ode</th>
<th>Meaning of Massachusetts</th>
</tr>
</thead>
<tbody>
<tr>
<td>“Ode to Massachusetts”</td>
<td>“Large Hill Place”</td>
</tr>
</tbody>
</table>
1. __oston is the state capital of Massachusetts.

2. The Puritans often cooked __aked __eans on Saturday.

3. A nickname for __oston is __eantown.

4. __unker Hill was the site of the first major Revolutionary War __attle.

5. Dr. James Naismith invented the game of __asketball by using peach __askets for hoops.
Coin Cod Crayon Rubbing

Learn about the cod, the state fish of Massachusetts, on page C of *M is for Mayflower.*

Materials

White paper
Crayons
Coins – quarters, dimes, nickels, pennies

Directions

1. Refer to page C of *M is for Mayflower* and draw the outline of a cod.
2. Place coins under your drawing.
3. Rub a crayon on the paper and color over the coins. Continue until you have colored your drawing of the cod.

***********************************************************

Have students determine the “cost” of their cod by adding the coins together.
Massachusetts State Flag and Motto

Is the motto of Massachusetts on the state flag?

What does the star on the flag represent?

What tree was on the state flag until 1971?

Find the answers to these questions on page F of *M is for Mayflower*.

Unscramble the motto

“sword we seek by the peace, only peace but liberty under.”

Draw the state flag of Massachusetts
Amphibious Fun

Can you cruise a river and the streets of Boston in the same vehicle? Read page D of *M is for Mayflower* to find out!

**Amphibians**

Amphibians are animals that spend part of their life underwater breathing with gills and part of their life on the land breathing with lungs.

**Directions**

Circle the animals listed below that are amphibians.

- Turtles
- Frogs
- Newts
- Salamanders
- Alligators
- Crocodiles
- Toads
- Lizards

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Animals can be classified as amphibians, reptiles, fish, mammals, birds, and insects. Match Massachusetts’ state animals with the correct category.

- Right Whale
- Fish
- Black-capped Chickadee
- Insect
- Cod
- Mammal
- Ladybug
- Bird
George Washington and the American Elm Tree

When you think of the image of George Washington standing by a tree, most people think of a cherry tree.

Read page E of *M is for Mayflower* to learn about George Washington’s connection with Massachusetts’ state tree, the American elm.

**Directions**  Refer to page E of *M is for Mayflower* and draw a picture of General George Washington standing beneath an American elm tree.

Why was the American elm chosen as Massachusetts’ state tree?
Hidden Treasure

Can you find the pirate’s hidden treasure? Will you find silver or gold? Fill in the missing letters and your secret treasure will unfold.

Refer to pages H, I, and W of M is for Mayflower for a wealth of information as you complete your treasure hunt.

1. Nantuc__et is the home of Old Mill, the oldest functioning windmill in the country.

2. Seven U.S. presidents and nearly 40 __obel laureates attended Harvard University.

3. Legends tell of pirates sailing the Atlantic __cean and hiding treasure on the islands.

4. Massachusetts’ islands are havens for protected __ildlife and plant species.

5. The islands were formed by g__aciers.

6. The __lizabeth Islands are a popular vacation place.

7. The first college in America was Harvar__.

8. Harvard is located in Cambrid__e.

9. The curved-armed shape of Cap__ Cod makes this island easy to recognize on a map.

Write the missing letters in order to reveal your treasure.

__ __ __ __ __ __ __ __ __
Massachusetts Time Line

Read *M is for Mayflower* and complete the missing date or information from the time line below.

- Mayflower arrived at Plymouth Rock
- 1621
- Gloucester founded
- Salem Witch Trials
- Boston Tea Party
- Beginning of Revolutionary War
- 1776
Massachusetts – The Bay State

Directions

Answer the following questions by referring to the map below and pages A and I of M is for Mayflower.

1. Label the following bordering states of Massachusetts.
   - Rhode Island
   - Connecticut
   - New York
   - Vermont
   - New Hampshire

2. Circle the correct answer.

   Massachusetts is the (35th, 45th, 42nd) largest state in the United States.

   Massachusetts is on the (eastern coast, western coast) of the United States.

   The (Pacific Ocean, Atlantic Ocean) borders Massachusetts.

3. List two of the five islands off Massachusetts.
The state nickname of Massachusetts is the Bay State and its people are known as Bay Staters. Try to match the names of the following famous Bay Staters with the information about them. Skim and search M is for Mayflower for information.

1. Norman Rockwell  
2. Nathaniel Hawthorne  
3. John F. Kennedy  
4. Henry David Thoreau  
5. Julia Ward Howe  
6. Peter Faneuil  
7. Robert McCloskey  
8. Dr. James Naismith  
9. Paul Revere  
10. Emily Dickinson

A. Battle Hymn of the Republic  
B. Faneuil Hall  
C. Poet  
D. Invented basketball  
E. The Scarlet Letter  
F. Make Way for Ducklings  
G. “The British are coming”  
H. The Saturday Evening Post  
I. Walden: or Life in the Woods  
J. 35th President of the United States
**Directions**

Skim and search *M is for Mayflower* and read the following clues to discover interesting places in Massachusetts.

1. I am at 3,491 feet high, the highest point in Massachusetts. ______________________________________

2. I am at a busy seaport and the largest city in New England. ______________________________________

3. I am at the site of the first major Revolutionary War battle. ______________________________________

4. I am at the site of the first game of basketball. ________________________________________________

5. I am at the first botanical garden in the country. ________________________________________________

6. I am at the Fishermen’s Memorial, Man at the Wheel. __________________________________________

7. I am at the first college established in America. ________________________________________________

8. I am at the oldest and still functioning windmill in America. ________________________________
A Mix-up of Facts

Change one word to make each sentence true!

Directions

Each sentence below contains a factual error. Find and change the incorrect word. Refer to M is for Mayflower for the correct facts!

1. Boston got its name from the Amish.

2. The state of Massachusetts grows more than half of America’s raspberry crop.

3. Until 1971, the state flag of Massachusetts had an oak tree on one of its sides.

4. The islands off Massachusetts were formed by tornadoes.

5. The minutemen pledged to be ready to fight in one hour.

6. The pilgrims set sail from Scotland on September 6, 1620.

7. Harvard was the first museum in America.

8. The area code of Sudbury is 01776.
Classroom Worksheet

Put aside the paper and pens and convert your classroom into a worksheet! Try this activity to increase your students’ knowledge of Massachusetts’ history and people.

Directions

1. Read *M is for Mayflower*.
2. Label three areas of your classroom with the following categories.

<table>
<thead>
<tr>
<th>Authors/Poets</th>
<th>Illustrators</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patriots</td>
<td>Revolutionary War</td>
</tr>
<tr>
<td>Presidents</td>
<td></td>
</tr>
</tbody>
</table>
3. Provide each student with one of the following name cards. (Depending on the size of your class, students may need to work as partners.)

<table>
<thead>
<tr>
<th>Louisa May Alcott</th>
<th>Robert McCloskey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norman Rockwell</td>
<td>Emily Dickinson</td>
</tr>
<tr>
<td>Nathaniel Hawthorne</td>
<td>Henry David Thoreau</td>
</tr>
<tr>
<td>Ralph Waldo Emerson</td>
<td>Paul Revere</td>
</tr>
<tr>
<td>William Dawes</td>
<td>Samuel Prescott</td>
</tr>
<tr>
<td>Robert Newman</td>
<td>George Washington</td>
</tr>
<tr>
<td>Samuel Adams</td>
<td>John F. Kennedy</td>
</tr>
<tr>
<td>John Adams</td>
<td>John Quincy Adams</td>
</tr>
<tr>
<td>George Herbert Walker Bush</td>
<td></td>
</tr>
</tbody>
</table>

4. Instruct students to decide what is the best category for their name card and travel to that area of the room.

5. Instruct students to share information about their person. Allow students to refer to *M is for Mayflower.*
Authors/Poets/Illustrators

Louisa May Alcott
Robert McCloskey
Norman Rockwell
Emily Dickinson
Nathaniel Hawthorne

Patriots/Revolutionary War

Paul Revere
William Dawes
Samuel Prescott
Robert Newman
George Washington
Samuel Adams

Presidents

John F. Kennedy
John Adams
John Quincy Adams
George Herbert Walker Bush
Chargoggagoggmanchaugagoggchaubunagungamaug

What a name! Read page U of *M is for Mayflower* to discover the meaning of this unique name.

Chargoggagoggmanchaugagoggchaubunagungamaug

How many different words can you make using these letters?

**Graphing**

Count how many times each letter is used and create a graph of the results. Add a number line along the side of the graph.

Chargoggagoggmanchaugagoggchaubunagungamaug
Massachusetts Math

Learn interesting facts related to Massachusetts and practice your math skills!

Round to the nearest ten

66 rounded to the nearest ten = ____
The Mayflower Voyage lasted for 66 days.

22 rounded to the nearest ten = ____
Norman Rockwell was 22 years old when he painted his first cover for The Saturday Evening Post.

77 rounded to the nearest ten = ____
Seventy-seven minutemen fought against the British at the first skirmish of the Revolutionary War.

Round to the nearest hundred

324 rounded to the nearest hundred = ____
324 chests of tea were thrown into the Boston Harbor during the Boston Tea Party.

215 rounded to the nearest hundred = ____
Elis Stenman’s newspaper house is 215 sheets thick.

635 rounded to the nearest hundred = ____
The name Massachusetts means “large hill place.” The name refers to Great Blue Hill, which is 635 feet high.
Massachusetts Crossword

Across
1. Boston’s nickname
2. 35th president
3. State berry
4. Sport invented by Dr. James Naismith
5. State fish
6. 1st college in America
7. State tree

Down
1. State capital
2. Author of The Battle Hymn of the Republic
3. Army of citizen-farmers
4. Town known for its witch trials
Classroom Activity

- Divide students into groups. Instruct them to make a list of the ways we use water. (Examples: drinking, eating, laundry, dishes, toilet, bath, shower, lawn, garden, swimming pool, water parks, etc.)
  
  Have one group report their answers while the remaining groups check off responses that are the same on their lists. Allow remaining groups to share additional ideas.

- Discuss ways to conserve water, then give your class the following true/false quiz on water conservation. Students respond by thumb up/thumb down.
  
  (Thumb up – True  Thumb down – False)

- Complete the pledge card.

Water Saving Tips – True/False Quiz

1. Adjust sprinklers to water the lawn and not the pavement. (True)
2. Only put in half a load of laundry. (False)
3. Leave the water running while brushing your teeth. (False)
4. Don’t fill the bathtub completely full. (True)
5. Leave the hose running when washing the car. (False)
6. Turn off a dripping faucet. (True)
7. Take long showers. (False)
8. Use an automatic dishwasher instead of washing dishes by hand. (False)

I pledge to conserve water by

______________________________
______________________________
______________________________
______________________________
______________________________
______________________________
______________________________
______________________________
______________________________
______________________________
______________________________
______________________________

Signature      Date
Massachusetts Symbols

Capital –– Boston  Berry –– Cranberry  Tree –– American Elm
Fish –– Cod  Rock –– Roxbury Puddingstone

Boston –– Bunker Hill –– beans –– basketball

4. Bunker Hill battle  5. basketball baskets

Massachusetts State Flag and Motto

Yes, the motto is on the flag.
The star represents Massachusetts as one of the original 13 colonies.
The pine tree was on the flag until 1971.

Motto:  “By the sword we seek peace, but peace only under liberty.”

Amphibious Fun

Frogs, newts, salamanders, and toads are amphibians.  Turtles, alligators, crocodiles, and lizards are reptiles.

Right Whale –– mammal  Black-capped Chickadee –– bird
Cod –– fish  Ladybug –– insect

Hidden Treasure


The treasure – KNOWLEDGE

Time Line

1620 – Mayflower arrived at Plymouth Rock
1621 – Harvest feast between the Pilgrims and Wamponoag Indians
1623 – Gloucester founded
1692 – Salem Witch Trials
1773 – Boston Tea Party
1775 – Beginning of Revolutionary War
1776 – America’s year of Independence

Massachusetts – The Bay State

1. Starting below Massachusetts and going clockwise, the bordering states are Rhode Island, Connecticut, New York, Vermont, and New Hampshire.

2. Massachusetts is the 45th largest state.
   Massachusetts is on the eastern coast of the United States.
   The Atlantic Ocean borders Massachusetts.

3. Martha’s Vineyard, Nantucket, Cape Cod, Elizabeth Islands, and the Boston Harbor Islands are the islands off Massachusetts.
Famous Bay Staters

1. Norman Rockwell – H. The Saturday Evening Post
2. Nathaniel Hawthorne – E. The Scarlet Letter/The House of Seven Gables
3. John F. Kennedy – J. 35th President
4. Henry David Thoreau – I. Walden: or Life in the Woods
5. Julia Ward Howe – A. Battle Hymn of the Republic
6. Peter Faneuil – B. Faneuil Hall
7. Robert McCloskey – F. Make Way for Ducklings
8. Dr. James Naismith – D. Invented basketball
10. Emily Dickinson – C. Poet

Where Am I?

8. Old Mill – Nantucket

A Mix-up of Facts


Chargoggagoggmanchaugagoggchubunagungamaug

C-3 H-3 A-9 R-1 G-13 O-3 M-2 N-3 U-5 B-1

Massachusetts Math

1.) 70 2.) 20 3.) 80 4.) 300 5.) 200 6.) 600

Massachusetts Crossword Answers

Across

1. Beantown
2. John F. Kennedy
3. Cranberry
4. Basketball
5. Cod
6. Harvard
7. American Elm

Down

1. Boston
2. Julia Ward Howe
3. Minutemen
4. Salem