

HISTORY & GEOGRAPHY

STUDENT BOOK

▶ **3rd Grade** | Unit 6

HISTORY & GEOGRAPHY 306

GREAT LAKES STATES

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LIFEPAC Test |Pull-out



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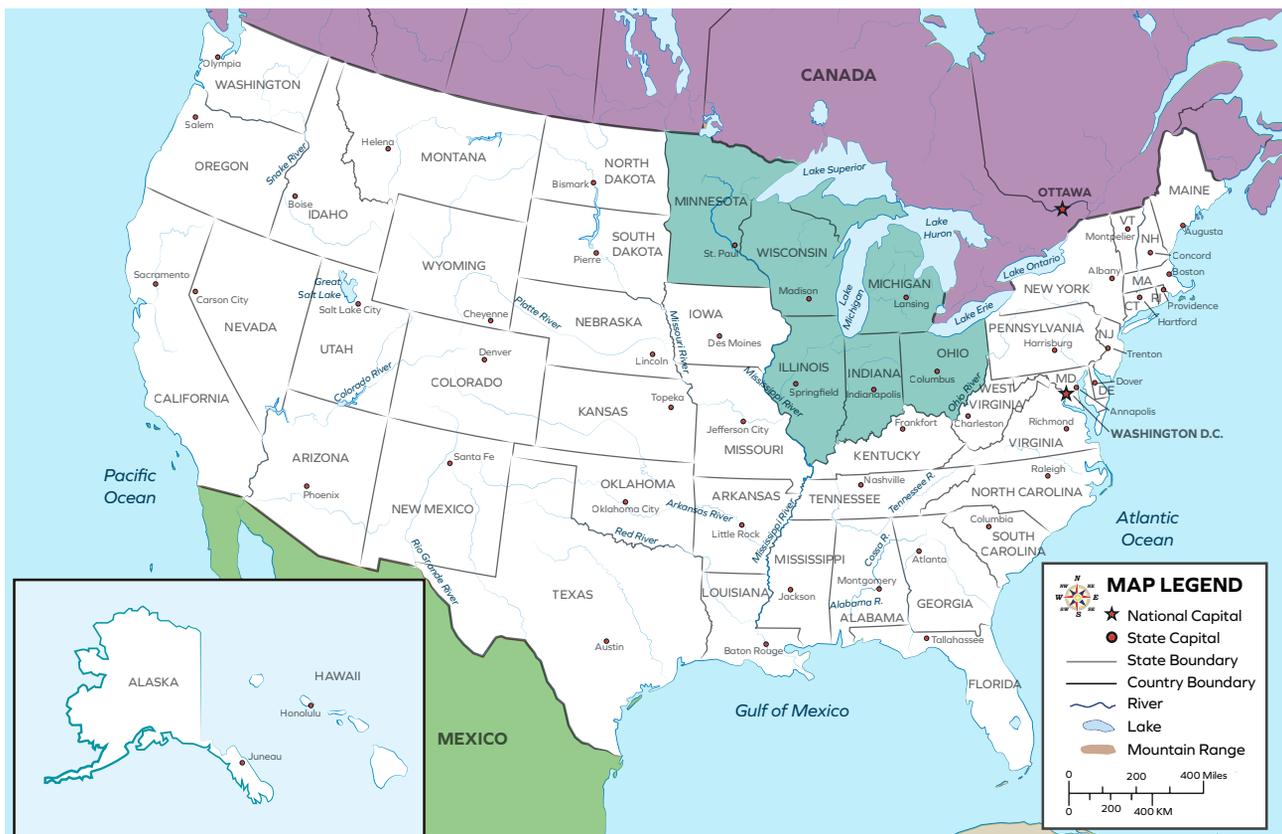
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GREAT LAKES STATES

Ohio, Indiana, Illinois, Michigan, Wisconsin, and Minnesota

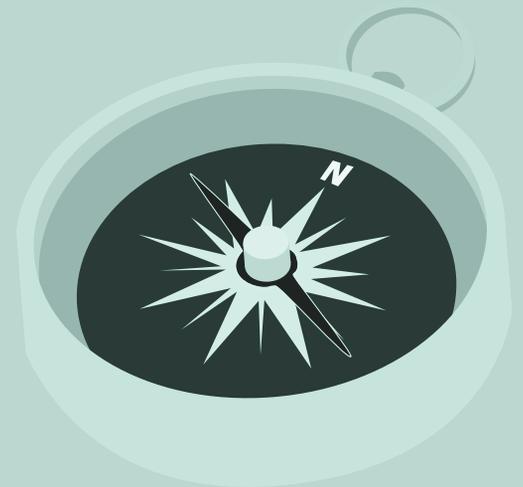
The next region of the United States you will study is the Great Lakes region. This region includes states located along the five Great Lakes in the United States. You will learn the names and state capitals of these states. You will also learn how the Great Lakes affect the weather of the region. These states were first explored by the French. Later, the British took possession of the region. The Great Lakes region was home to many U.S. presidents as well as inventors. In this LIFEPAK, you will learn more about this region and the people who live there.



Objectives

Read these objectives. The objectives tell you what you will be able to do when you have successfully completed this LIFEPAC. Each section will list according to the numbers below what objectives will be met in that section. When you have finished this LIFEPAC, you should be able to:

1. Locate the Great Lakes states.
2. Know the geography of the Great Lakes states.
3. List natural resources found in the Great Lakes states.
4. State the types of businesses and employers found in the Great Lakes region.
5. Know some of the settlers of the Great Lakes states.
6. Recognize the importance of inventors in the Great Lakes states.
7. Identify the pastimes of the people living in the Great Lakes states.



1. GREAT LAKES GEOGRAPHY

You will begin this LIFEPAC by studying the geography of the Great Lakes states. You will learn the names of some of the land features in the Great Lakes region. You will also learn the names of the major cities in the Great Lakes states. The location of these states impacts the types of food people grow, the places they live, and the activities they do.

Objectives

Review these objectives. When you have completed this section, you should be able to:

1. Locate the Great Lakes states.
2. Know the geography of the Great Lakes states.

Vocabulary

Study these new words. Learning the meanings of these words is a good study habit and will improve your understanding of this LIFEPAC.

peninsula (pə-nīn'syə-lə, -sə-lə). Land which is almost completely surrounded by water.

tributary (trīb'yə-tēr'ē). A river that flows into another river or body of water.

Note: All vocabulary words in this LIFEPAC appear in **boldface** print the first time they are used. If you are unsure of the meaning when you are reading, study the definitions given.

Pronunciation Key: hat, āge, cāre, fār; let, ēqual, tērm; it, īce; hot, ōpen, ōrder; oil; out; cup, pūt, rüle; child; long; thin; /FH/ for then; /zh/ for measure; /u/ or /ə/ represents /a/ in about, /e/ in taken, /i/ in pencil, /o/ in lemon, and /u/ in circus.

Ask your teacher to say these vocabulary words with you.



Teacher check:

Initials _____ Date _____

States in the Great Lakes Region

Before you study the Great Lakes states, look at the map below. The map will introduce you to the Great Lakes area.





Answer the questions based on the map of the Great Lakes region.

- 1.1** The Great Lakes are often remembered by the word "HOMES." What lake goes with each letter of the word "HOMES?"
- a. H _____
 - b. O _____
 - c. M _____
 - d. E _____
 - e. S _____
- 1.2** Which of the Great Lakes is located entirely within the U.S.?

- 1.3** Which lake is the most northern of the Great Lakes?

- 1.4** Which Great Lakes touch the state of Michigan?

- 1.5** List the capitals of the Great Lake states:
- a. Minnesota _____
 - b. Wisconsin _____
 - c. Michigan _____
 - d. Illinois _____
 - e. Indiana _____
 - f. Ohio _____
- 1.6** Which country is located north of the Great Lakes region?

- 1.7** Which states border the Mississippi River? _____

- 1.8** Which state is west of the Mississippi River? _____

1.9 Which state is the farthest east? _____

1.10 What state is south of Wisconsin? _____

1.11 Which states border Lake Michigan? _____

Geographical Features

The five Great Lakes—Erie, Ontario, Huron, Michigan, and Superior—are a main geographical feature in the region. Lake Superior is the largest freshwater lake in the world. The Great Lakes have over 10,000 miles of shoreline. In fact, only Alaska has a longer coastline than the state of Michigan.

The state of Michigan is divided into two different sections. The northern section is known as the Upper **Peninsula** (U.P.). Forests cover 90 percent of the U.P. The Mackinac (mak'ə nô) Bridge connects the U.P. to the southern section of Michigan, also known as the Lower Peninsula (L.P.). Southern Michigan also has vast acres of forest.

The region has many acres of farmland. The soil is suitable for farming corn, wheat, popcorn, and soybeans. Additionally, the land is relatively flat which makes it easier to plant and harvest crops.

The Mississippi River also plays an important role in the region. The Mississippi River begins in Minnesota



| The region is good for growing corn, wheat, and soybeans.

and flows to the Gulf of Mexico. Many rivers and streams flow directly into the Mississippi. Others flow into one of the river's many **tributaries**. The Ohio River is a tributary of the Mississippi River. The Ohio River begins in Pennsylvania. It forms the southern borders of the states of Ohio, Indiana, and Illinois. In the very south of Illinois, the Ohio River empties into the Mississippi River.

**Fill in the blank.**

- 1.12** The Mississippi River begins in the state of _____ .
- 1.13** The _____ forms the southern border of the states of Ohio, Indiana, and Illinois.
- 1.14** The state of _____ has upper and lower peninsulas.
- 1.15** The largest freshwater lake in the world is _____ .
- 1.16** Only _____ has more miles of shoreline than Michigan.

Weather

The Great Lakes states have four seasons: winter, spring, summer, and fall. The winters are cold and snowy. The coldest temperature recorded in this region was in February of 1996. Tower, Minnesota, had a temperature of -60 degrees F. The summers are hot and humid. Thunderstorms are frequent in this area during the summer months.

An interesting weather feature in this area is called lake effect snow. The Great Lakes seldom freeze over during the cold winter months. Only Lake Erie is known to completely freeze over on a regular basis. The lakes remain much warmer than the land surrounding them.



Lake effect snow forms when cold, windy weather moves across the Great Lakes. The combination of the cold air and moisture from the lakes forms snow. The snow generally falls on the southern and eastern sides of the lakes because of the direction of the wind. Locations east and south of the Great Lakes receive much more snowfall than those on the other side of the lakes. In fact, Marquette, Michigan, in the Upper Peninsula of Michigan averages 150 inches of snow a year! Duluth, Minnesota, on the other side of Lake Superior, averages only about half that amount. The only other lake in the United States that has a similar effect is the Great Salt Lake in Utah.



| If 150" of snow fell at one time, it would be taller than a one-story building!



Answer true or false.

- 1.17 _____ The coldest temperature recorded in the Great Lakes region was in Chicago, Illinois.
- 1.18 _____ The Great Lakes always freeze over in the winter months.
- 1.19 _____ Lake effect snow generally falls on the areas located south or east of the Great Lakes.



Teacher check:

Initials _____ Date _____



For this Self Test, study what you have read and done. The Self Test will check what you remember.

SELF TEST 1

Each answer = 1 point

Choose the correct answer.

- 1.01** The word _____ is used to remember the names of the Great Lakes.
 a. GREAT b. HOMES c. WONDERS
- 1.02** Lake _____ is not one of the Great Lakes.
 a. Wisconsin b. Superior c. Huron
- 1.03** The state of Michigan has upper and lower _____ .
 a. halves b. peninsulas c. lakes
- 1.04** The largest freshwater lake in the world is Lake _____ .
 a. Wisconsin b. Superior c. Huron
- 1.05** The only state in this region west of the Mississippi River is _____ .
 a. Wisconsin b. Ohio c. Minnesota

Answer true or false.

- 1.06** _____ There are seven Great Lakes.
- 1.07** _____ The Great Lakes freeze over every winter.
- 1.08** _____ Ohio is the most eastern state in this region.
- 1.09** _____ The land to the east and south of the Great Lakes receives lake effect snow.
- 1.010** _____ Because the soil is good and the land is flat, the Great Lakes region has many farms.

Fill in the blank.

1.011 The _____ River forms the southern border of Ohio, Indiana, and Illinois.

1.012 The Mississippi River begins in the state of _____.

1.013 Lake effect _____ forms when cold air passes over the warmer Great Lakes.

1.014 A river which flows into another is known as a(n) _____.

1.015 Madison is the capital of _____.

**Teacher check:**

Score _____

Initials _____

Date _____





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