



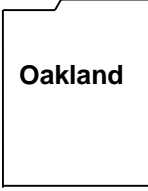
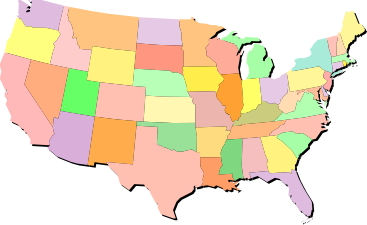


# Word Cards

<p><b>1</b> <b>geography</b></p> <p>the study of places</p>  <p><b>Example:</b> In geography people study about places like communities, states and countries.</p> <p>(SS030101)</p>	<p><b>2</b> <b>geographer</b></p> <p>someone who studies places</p>  <p><b>Example:</b> Geographers study places such as deserts, communities and states.</p> <p>(SS030101)</p>
<p><b>3</b> <b>natural characteristics</b></p> <p>Things that were not made by humans.</p>  <p><b>Examples:</b> Trees, soil and animals are natural features.</p> <p>(SS030101)</p>	<p><b>4</b> <b>human characteristics</b></p> <p>Parts of a place made by people</p>  <p><b>Example:</b> Bridges, roads and buildings are human characteristics.</p> <p>(SS030101)</p>
<p><b>5</b> <b>county</b></p> <p>A division of a state</p>  <p><b>Example:</b> Michigan is divided into 83 counties.</p> <p>(SS030101)</p>	<p><b>6</b> <b>state</b></p> <p>one of the 50 parts of our country</p>  <p><b>Example:</b> States have their own land, borders and government.</p> <p>(SS030101)</p>

**7**  
**border**

The place where one area ends and another begins.

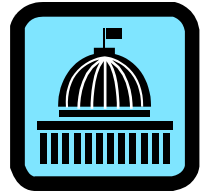


**Example:** You can see the borders of states on a United States map.

(SS030101)

**8**  
**government**

A group of elected citizens who make and carry out the rules for a community, state or country.



**Example:** A city government may have a mayor and a city council.

(SS030101)

## Word Cards

### 9 location

where a place is found



**Example:** An address helps to describe the location of a house.

(SS030102)

### 10 absolute location

where the exact location of a place is



**Example:** Your address shows the absolute location of your house.

(SS030102)

### 11 relative location

where a place is in relation to other places.

**Example:** The relative location of Michigan is in the northern part of the United States.

(SS030102)

### 12 direction words

words like north, south, east and west



**Example:** Direction words are used to help describe the relative location of places.

(SS030102)

### 13 map

A picture that shows the location of something.






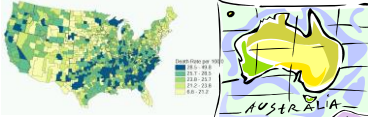
**Example:** A map could show a city, river or country.

(SS030102)

# Word Cards

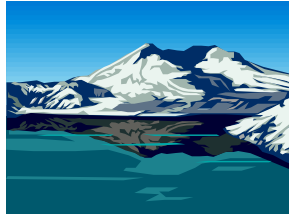
Word Cards from previous lessons needed for this lesson:

- Natural Characteristics – Word Card #3 From Lesson 1
- Map – Word Card #13 from Lesson 2

<p><b>14</b> <b>landforms</b></p> <p>different kinds of land on the Earth</p>  <p><b>Example:</b> Mountains, hills and islands are different landforms.</p> <p>(SS030103)</p>	<p><b>15</b> <b>peninsula</b></p> <p>land surrounded by water on three sides</p>  <p><b>Example:</b> Michigan is made up of two peninsulas.</p> <p>(SS030103)</p>
<p><b>16</b> <b>island</b></p> <p>a piece of land that is surrounded by water</p>  <p><b>Example:</b> Beaver Island and Mackinac Island are important Michigan islands.</p> <p>(SS030103)</p>	<p><b>17</b> <b>special purpose maps</b></p>  <p>maps that show characteristics of an area such as landforms, climate, or forests</p> <p><b>Example:</b> Studying special purpose maps can help you better understand a place.</p> <p>(SS030103)</p>

**18  
elevation**

how high a place is



**Example:** A mountain has higher elevation than a hill.

(SS030103)

**19  
mountain range**

a row of connected mountains

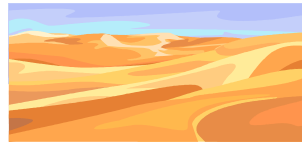


**Example:** The Huron mountains are a mountain range in Michigan.

(SS030103)

**20  
sand dunes**

ridges or hills of loose sand piled up by the wind



**Example:** There are many sand dunes along the shore of Lake Michigan.

(SS030103)

**21  
The Great Lakes**

Five huge lakes located in the northern part of the United States.



**Example:** Four of the Great Lakes border Michigan.

(SS030103)

**22  
bay**

a body of water that is partly blocked off by land

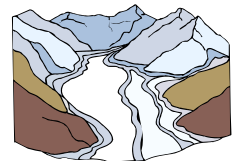


**Example:** Michigan has many bays.

(SS030103)

**23  
glacier**

giant sheets of slowly moving ice







**Example:** Glaciers help create many of the natural characteristics of Michigan.

(SS030103)

# Word Cards

Word Cards from previous lessons needed for this lesson:

- Natural Characteristics – Word Card #3 from Lesson 1
- Map – Word Card #13 from Lesson 2
- Special Purpose Map – Word Card #17 from Lesson 3

<p><b>24</b> <b>vegetation</b></p>  <p>the plants of an area</p> <p><b>Example:</b> The vegetation of Michigan includes apple trees, white pines and many different wildflowers.</p> <p>(SS030103)</p>	<p><b>25</b> <b>climate</b></p>  <p>weather over a long period of time</p> <p><b>Example:</b> Michigan's climate has four different seasons.</p> <p>(SS030103)</p>
<p><b>26</b> <b>temperature</b></p>  <p>how hot or cold the air is</p> <p><b>Example:</b> Temperatures in the Upper Peninsula are often colder than in the Lower Peninsula.</p> <p>(SS030103)</p>	<p><b>27</b> <b>precipitation</b></p>  <p>water that falls to the ground as rain, sleet, hail or snow</p> <p><b>Example:</b> Areas near the Great Lakes often get more precipitation than other areas.</p> <p>(SS030103)</p>

## Word Cards

### Word Cards from previous lessons needed for this lesson:

- Human Characteristics – Word Card #4 from Lesson 1
- Map – Word Card #13 from Lesson 2
- Special Purpose Map – Word Card #17 from Lesson 3

### 28 lighthouse

A tall building like a tower that has a light in the top to guide ships



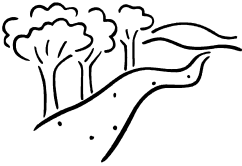

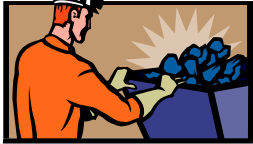

**Example:** Lighthouses are found along the shores of the Great Lakes and on islands in the Great Lakes.

(SS030105)

## Word Cards

### Word Cards from previous lessons needed for this lesson:

- Natural Characteristics – Word Card #3 from Lesson 1
- The Great Lakes – Word Card #21 from Lesson 3

<p style="text-align: center;"><b>29</b> <b>natural resources</b></p>  <p>things in nature that people find useful</p> <p><b>Example:</b> Water, soil and trees are natural resources.</p> <p style="text-align: right;">(SS030106)</p>	<p style="text-align: center;"><b>30</b> <b>fertile soil</b></p>  <p>soil that is good for growing things</p> <p><b>Example:</b> Michigan has a lot of fertile soil in the Lower Peninsula.</p> <p style="text-align: right;">(SS030106)</p>
<p style="text-align: center;"><b>31</b> <b>minerals</b></p>  <p>natural resources found in the ground such as iron ore</p> <p><b>Example:</b> Minerals are removed from the ground by mining.</p> <p style="text-align: right;">(SS030106)</p>	<p style="text-align: center;"><b>32</b> <b>iron ore</b></p>  <p>a mineral that is used to make steel</p> <p><b>Example:</b> Iron ore is mined in the Upper Peninsula.</p> <p style="text-align: right;">(SS030106)</p>



**33  
copper**



a mineral that is used to make things such as pipes for plumbing.

**Example:** For many years Michigan was a world leader in copper mining.

(SS030106)

**34  
limestone**



a stone that is mined and used to make steel and cement

**Example:** Limestone is mined in Rogers City, Michigan.

(SS030106)

**35  
renewable resources**



natural resources that can be replaced

**Example:** Water and trees are renewable resources.

(SS030106)

**36  
nonrenewable resources**



natural resources that cannot be replaced




**Example:** Iron and oil are nonrenewable resources.

(SS030106)

# Word Cards

Word Cards from previous lessons needed for this lesson:

- Natural Resources – Word Card #29 From Lesson 6

<p><b>37</b> <b>human/environment interaction</b></p>  <p>ways in which people use and interact with the Earth.</p> <p><b>Example:</b> When people build new roads they are interacting with the Earth.</p> <p>(SS030107)</p>	<p><b>38</b> <b>modifying the environment</b></p>  <p>when people change the environment to fit them</p> <p><b>Example:</b> People in Michigan modified the environment by cutting down trees to clear land for farming.</p> <p>(SS030107)</p>
<p><b>39</b> <b>adapting to the natural environment</b></p>  <p>when people change to fit the environment</p> <p><b>Example:</b> People in Michigan wear warm coats, hats and mittens to fit the environment in winter.</p> <p>(SS030107)</p>	

# Word Cards

## 40 movement



the theme of geography that explains how and why people, goods and ideas move

**Example:** The theme of movement helps us understand how places are connected to other places.

(SS030108)

## 41 transportation



ways of moving things and people from one place to another



**Example:** Boats, trains and cars are methods of transportation.



(SS030108)

## 42 hub



a city where many roads and railroads meet

**Example:** Detroit is a transportation hub in Michigan.

(SS030108)

## 43 port



a city on a body of water where ships load and unload

**Example:** Detroit is an important Michigan port.

(SS030108)

## Word Cards

### 44 region

an area with one or more common features



**Example:** The Upper Peninsula can be one region of Michigan.

(SS030109)

### 45 Midwest Region

a region of the United States that includes the state of Michigan



**Example:** States in the Midwest Region have many things in common.

(SS030109)

### 46 Great Lakes Region

the states of that border the Great Lakes along with the province of Ontario, Canada



**Example:** Michigan belongs to the Great Lakes Region

(SS030109)

