# Contents

# Contents

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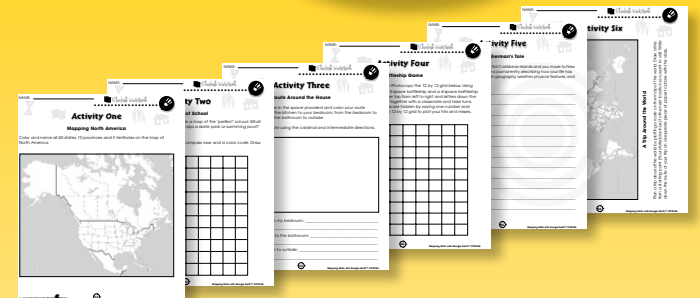
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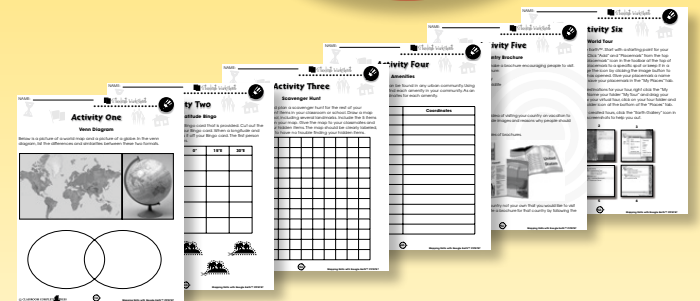
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## Page 9

NAME: _____

# How to Read a Map

1. **Look around the classroom and put a check mark (✓) next to the answer which best describes the position of the item.**

   a) The teacher's desk is:

   ○ A   at the front of the classroom.
   ○ B   in the back of the classroom.
   ○ C   in the middle of the classroom.
   ○ D   in front of the windows.

   b) My desk is:

   ○ A   at the back of the class.
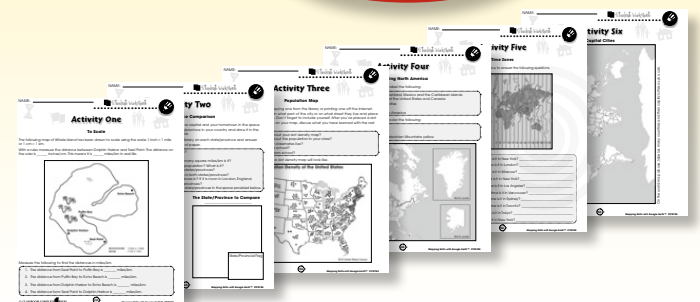   ○ B   at the front of the class.
   ○ C   in the middle of the class.
   ○ D   in the hall.

2. **Match the word on the left to its definition on the right by drawing a line.**

   | 1 | neighborhood | | Shows direction | A |
   | 2 | symbols | | Small area, where people live | B |
   | 3 | compass rose | | Pictures that have meaning | C |
   | 4 | legend | | Using colors to explain | D |
   | 5 | color code | | Explains symbols on a map | E |
   | 6 | map | | Drawing of an area | F |

## Page 10

# How to Read a Map

**A** map is like a picture of the Earth, taken from the sky. Maps can show schools, **neighborhoods**, cities, countries, continents or even the whole world.

**Maps** can show land and water areas. They can also show many things, which are located on the land. For example, trees, houses, churches, post-offices and government buildings. A map of a small area, like your school, would show the playground, the playing fields, the office and your classroom.

Maps use **symbols**, which are a type of picture, to represent real things. For example, some maps use a symbol like this ( ╫╫╫ ) to show where a railway line is on a map. All the symbols used on a map are explained in a **legend**. Sometimes maps use a **color code** to explain what different parts of the map represent. In a color coded map, colors are used to show where land, water and mountains occur. On some maps, color coding is also used to show where the different **states**, **provinces** or **territories** are.

Look at the map of a neighborhood to the right. Notice the buildings are brown, the playing field and parks green and the lakes blue. (Use the color poster "Map Elements on a Neighborhood Map", found on page 158, to complete the exercise.)

Color Code
■ Buildings
■ Playing Field /Parks
■ Lakes/Pools

## Page 12
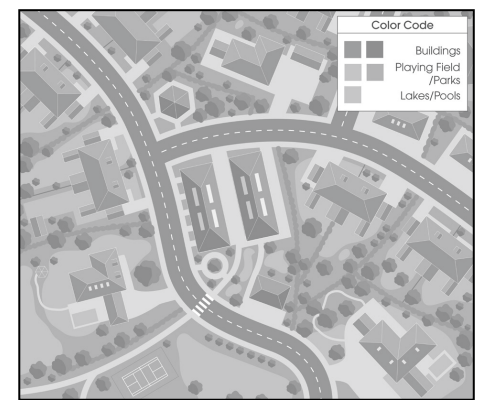
# How to Read a Map

1. **Symbols stand for something. Map makers use symbols to show what things are on their maps. The symbol often looks like the thing it represents on the ground. Match the symbols on the right with the thing they represent on the left by drawing a line.**

   | 1 | House | | | A |
   | 2 | Church | | | B |
   | 3 | Tree | | | C |
   | 4 | School | | | D |

2. **Fill in each blank with a word from the chapter.**

   _____ stand for something. The meanings of symbols are explained
   **a**
   in the _____. A _____ is an instrument that shows you the direction
   **b**           **c**
   you are traveling. A _____ shows you the directions on a map.
   **d**
   The four cardinal directions are _____ , _____ , _____
   **e**           **f**           **g**
   and _____ .
   **h**

## Page 13

NAME: _____

# How to Read a Map

**Answer each question with a complete sentence.**

3. Why is it important to use symbols?

   _____

   _____

4. How does a legend help you understand maps?

   _____

   _____

**Research**

5. Look at a local map. In the space provided, make a list of all the different things that you can find on the map.

   _____

   _____

   _____

   _____

6. Create a treasure map. Draw an island, then 5 "landmarks" and an "X" to mark the spot of your treasure. Using cardinal directions, give detailed instructions on how to find the treasure starting from each "landmark". Draw your own symbols and legend for your map.

## Worksheet 1 (top left)

NAME: _____

# Map the World

On the map below, locate the seven continents, the 4 oceans, the North and South Pole, the Equator and the Prime Meridian. Write down the coordinates for each. (Some will have more than one number and/or letter option.)

| Continent | Coordinates | Oceans | Coordinates | Place | Coordinates |
|---|---|---|---|---|---|
| Africa | | Arctic | | North Pole | |
| Antarctica | | Atlantic | | South Pole | |
| Asia | | Indian | | Equator | |
| Australia | | Pacific | | Prime Meridian | |
| Europe | | | | | |
| North America | | | | | |
| South America | | | | | |

## Worksheet 2 (top right)

NAME: _____

# Crossword Puzzle!

**Across**

3. Maps that can be used to compare different regions and compare information, known as data.
4. If contour lines are close together on a map, it means the hill is _____.
6. A tool that shows what the distance on the map equals on the ground.
8. 0 degrees longitude.
11. The person who wrote the map.
12. The name of the map.
13. The elevation half way between low and high tide.

**Down**

1. An imaginary line on the Earth, which travels horizontally around the globe.
2. A diagram on a map, which shows direction.
5. The main directions are called _____ directions.
7. A group of people who share common interests, characteristics and experiences.
9. Urban communities have more of these than rural communities. They include hospitals and libraries.
10. The mnemonic that helps you remember, everything you need to place on a map.

**Word List**

| | | | |
|---|---|---|---|
| amenities | community | prime meridian | steep |
| author | compass rose | scale | title |
| cardinal | latitude | sea level | todalsigs |
| choropleth | | | |

## Worksheet 3 (bottom left)

NAME: _____

# Comprehension Quiz

**35**

**Part A**

Circle the word **TRUE** if the statement is TRUE or circle the word **FALSE** if it is FALSE.  **8**

1. A map with a scale of 1:20 shows more detail than a map with a scale of 1:200.
   TRUE          FALSE
2. Weather maps usually show climate, precipitation or temperature.
   TRUE          FALSE
3. Population geography is the study of the concentration of people in an area, which is calculated by dividing the number of people present, by the area.
   TRUE          FALSE
4. Topographic maps use contour lines to show differences in elevation.
   TRUE          FALSE
5. Dot density maps use colors to show statistical data.
   TRUE          FALSE
6. The North American continent can be divided into four distinct regions.
   TRUE          FALSE
7. Maps are more accurate than globes at portraying the Earth.
   TRUE          FALSE
8. The distinct regions that make up the North American continent include the Great Plains, the Rocky Mountains, the Canadian Shield, and the Eastern Region.
   TRUE          FALSE

**Part B**

1. What is a dot density map? _____  **5**
2. How can choropleth maps and dot density maps be used together?
   _____
3. What is a political map? _____
4. What is a topographic map? _____
5. What is a choropleth map? _____

## Worksheet 4 (bottom right)

# Urban Neighborhood

Using the map of an urban neighborhood, find the locations of the following places.

What grid reference is the library at? _____

What grid reference is the postal office at? _____

What grid reference is the school at? _____

What grid reference is the hospital at? _____

What grid reference is the house at? _____

What grid reference is the park at? _____

**Color Code**
- Buildings
- Playing Field /Parks
- Lakes/Pools

**Legend**
- House
- School
- Park
- Library
- Postal Office
- Hospital
- Road

NAME: _____

After You Read

# Map Your Community

**Answer the questions with a complete sentence.**

**3.** What is the most commonly used map?

_____

**4.** What do city maps use, instead of drawings or photographs, in order to show where and what things are?

_____

**5.** What type of route shows roads and train tracks?

_____

**6.** City maps show man made features and what other type of features?

_____

## Research

**7.** Imagine that you have a friend coming to stay with you for one week. What places would you like to take them to? Pick a place for each day. How will you get to each place? (Walk, Bike, Car, Bus)

| Place | How you will get there |
|---|---|
| Monday: | |
| Tuesday: | |
| Wednesday: | |
| Thursday: | |
| Friday: | |
| Saturday: | |
| Sunday: | |

EASY MARKING ANSWER KEY

**3.** The most commonly used map is a city map.

**4.** City maps use symbols to show where and what things are.

**5.** A transportation route shows roads and train tracks.

**6.** City maps show physical features.

**7.** Answers will vary.

**29**

### Map Activity

1. House
2. Post Office
3. Hospital
4. Picnic Area
5. Library
6. Restaurant
7. Gas Station
8. Park

**30**

**1.** Answers may vary. I live in North America.

**2.** The United States, Canada and Mexico are three of the countries in North America.

**3.** Arctic, Atlantic and Pacific oceans surround North America.

**4.** The five Great Lakes found in North America are Superior, Michigan, Huron, Erie and Ontario.

**5.** There are 50 states including Alaska and Hawaii in the United States.

**6.** There are 10 provinces in Canada. There are also 3 territories in Canada.

**31**

**1.** Answers may vary. Polar Bears live in the Northern part of North America.

**2.** Answers may vary. Whales are a massive creature that calls the Pacific Ocean home.

**3.**
   a) FALSE
   b) TRUE
   c) FALSE
   d) FALSE
   d) TRUE
   d) FALSE
   d) FALSE
   d) TRUE

**33**

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