

Unit Name: Core Concepts Part 1: The Tools of Geography(Pearson – myWorld Geography)
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UNIT

Subject: Social Studies/Geography
Course/Grade: myWorld Geography/5th
School: Dr. Joyanne D. Miller School

Country: USA
State/Group: NJ

UNIT SUMMARY

Students will demonstrate the following enduring understandings:

- Geographers use a variety of tools to understand locations on Earth’s surface, including the five themes of geography: location, place, region, movement, and human – environment interaction.
- Geographers use globes, photos, computer data, and maps to show and view Earth’s surface.
- Maps may focus on general or specific topics, but include standard features that help people read them.

UNIT RESOURCES

Pearson myWorld Geography Teacher Edition

Section 1: Latitude and Longitude, T4-T5
Section 2: Five Themes, p. T6-T7
Section 3: Pros and Cons, p. T8-T8
Section 4: From Here to There, p. T10-T11
Section 5: Living Map, p. T12-T13

Pearson myWorld Geography Student Textbook

Read Jason Maps in the Rainforest p. 2-3
Read Core Concepts 1.1 Geography: The Study of Earth, p. 4-5
1.2 Geography’s Five Themes, p. 6-7
1.3 Ways to Show Earth’s Surface, p. 8-9
1.4 Understanding Maps, p. 10-11
1.5 Word Wise and Sum It Up, p. Types of Maps, p. 12 -13
Answer Assessment Questions, p. 14-15 includes Document Based Questions

Pearson myWorld Geography Student Journal

Core Concepts 1.1, 1.2, 1.3, 1.4, 1.5 Word Wise and Sum It Up, p. 1-7

Pearson myWorld Geography Exam View Test Bank CD-Rom

Pearson myWorld Geography Assessment Handbook

Pearson myWorld Geography Unit ProGuide

Pearson myWorld Geography Activity Kit

Pearson myWorld Geography Essential Question Posters

Pearson my World Geography Wall Maps

Internet Resource Links:

<http://my.worldgeography.com>

Student Center and Teacher Center
On Assignment
Visual Glossary
Active Atlas
Data Discovery
Time Line
Culture Close-up

Self Test

Success Tracker

21st Century Learning Online Tutor

myworldgeography.com Student Center or GIS.com
<http://ph.infoplease.com/>

STAGE ONE

GOALS AND STANDARDS

Standard State: NJ

6.1 U.S. History: America in the World. All students will acquire the knowledge and skills to think analytically about how past and present interactions of people, cultures, and the environment shape the American heritage. Such knowledge and skills enable students to make informed decisions that reflect fundamental rights and core democratic values as productive citizens in local, national, and global communities.

6.2 World History/Global Studies: All students will acquire the knowledge and skills to think analytically and systematically about how past interactions of people, cultures, and the environment affect issues across time and cultures. Such knowledge and skills enable students to make informed decisions as socially and ethically responsible world citizens in the 21st century.

6.3 Active Citizenship in the 21st Century. All students will acquire the skills needed to be active, informed citizens who value diversity and promote cultural understanding by working collaboratively to address the challenges that are inherent in living in an interconnected world.

ENDURING UNDERSTANDINGS

1. Geographers use a variety of tools to understand locations on Earth's surface, including the five themes of geography: location, place, region, movement, and human–environment interaction.
2. Geographers use globes, photos, computer data, and maps to show and view Earth's surface.
3. Maps may focus on general or specific topics, but include standard features that help people read them.

ESSENTIAL QUESTIONS

1. What is the difference between latitude and longitude?
2. What are the five themes of geography?
3. Why do map projections lead to distortion? Give a specific example.
4. What are the required elements of a map and how do you use them?
5. Why do geographers use a variety of maps to represent the world?
6. How do aerial photographs and satellite images show Earth's surface? What differences do you find between these two images?
7. What tools do geographers use to view Earth's surface?

KNOWLEDGE AND SKILLS

Core Concepts 1.1 Geography: The Study of Earth - Students will describe ways geographers use latitude and longitude to study Earth.

Core Concepts 1.1 Geography: The Study of Earth – Students will identify the basic questions geographers seek to answer in their study of Earth.

Core Concepts 1.2 Geography's Five Themes – Students will identify the five themes of geography.

Core Concepts 1.2 Geography's Five Themes – Students will describe ways that geographers use location, place, region, movement, and human-environment interaction to study and understand Earth.

Core Concepts 1.3 Ways to Show Earth's Surface – Students will identify ways that geographers show and view Earth's surface.

Core Concepts 1.3 Ways to Show Earth's Surface – Students will compare and contrast strengths and weaknesses of different map projections.

Core Concepts 1.4 Understanding Maps – Students will identify different parts of a map.

Core Concepts 1.4 Understanding Maps – Students will explain how to use standard map features to read maps.

Core Concepts 1.5 Types of Maps – Students will identify different kinds of maps.

Core Concepts 1.5 Types of Maps – Students will explain the kind of information that each type of map shows.

STAGE TWO

ASSESSMENT DATA/PERFORMANCE TASKS

Students will write their responses to the Assessment questions in their notebooks and complete Word Wise in their Journals for each lesson. Check answers in their notebooks and Student Journal for understanding of the Key Ideas, Key Terms, and objectives.

Core Concepts Part 1 Tools of Geography Test B

Student Journal: Part 1 Activity: Sum It Up - Students draw a map of the classroom, including a key, compass rose, scale bar, and locator map.

Core Concepts Part 1 Tools of Geography Success Tracker Online Formative Assessment includes Document Based Questions

OTHER EVIDENCE

- Student completion of myWorld Activity Support
 - * Section 1: Latitude and Longitude - Classroom Grid
 - * Section 2: Five Themes - Characteristics for Visitors
 - * Section 3: Pros and Cons - Mapping Tools
 - * Section 4: From Here to There - Your Classroom
 - * Section 5: Living Map - Movement Key
- Student completion of *Word Wise* in their *Student Journals*
 - * Core Concepts 1.1: Word Wise Choose one word from the Word Bank to fill in each blank.
 - * Core Concepts 1.2: Word Wise Words in Context, write an answer that demonstrates understanding of Boldfaced key terms
 - * Core Concepts 1.3: Word Wise Vocabulary Quiz Show
 - * Core Concepts 1.4: Word Wise Crossword Puzzle
 - * Core Concepts 1.5: Word Wise Sentence Builder, complete the sentence using information you have Learned in this section
- 21st Century Learning-Evaluate Websites: Find three different websites that generate maps. Compare the sites and rank each according to the following criteria:
 - *clarity and appearance of maps

- * option to create directions for drivers or walkers
- * ability to locate addresses from incomplete information

- Success Tracker Online Formative Assessment: Administer Part 1 tests and remediate understanding

STAGE THREE

LEARNING ACTIVITIES

Title: *Tools of Geography*

Students will explore myworldgeography.com *Visual Glossary* to deepen their understanding of the following Key Terms found in Part 1 of the Core Concepts Handbook. Through the *Visual Glossary* students will read descriptions and view illustrations of Key Terms, listen to audio explanations of Key Terms and watch animations of complex concepts.

- | | |
|--------------------------------------|-----------------------|
| • absolute location | * longitude |
| • aerial photograph | * movement |
| • cardinal direction | * physical map |
| • compass rose | * place |
| • degree | * political map |
| • distortion | * projection |
| • elevation | * region |
| • geography | * relative location |
| • GIS(geographic information system) | * satellite image |
| • hemisphere | * scale |
| • human environment | * scale bar |
| • key | * special-purpose map |
| • latitude | * sphere |
| • locator map | |

Students will read and discuss *Jason Maps the Rainforest*

Students will write in their notebooks about a time when they went to a new place and had to get to know their way around. Students should write about the tools they used to find their way around the new place and to learn about everyday life there.

Students will go online to myworldgeography.com Student Center or GIS.com - *Geographic Information System* (GIS) maps to virtually examine every region.

Students will go online to <http://ph.infoplease.com/> to further explore Key Terms and issues introduced through the Core Concepts Handbook

Students will go online to myworldgeography.com Student Center Self Test to assess their own knowledge of Key Ideas and Key Terms

Title: Core Concepts 1.1 Geography: The Study of Earth

Students will read and discuss *Geography: The Study of Earth*.

myWorld Activity 1.1: Classroom Grid – Latitude and Longitude. Ask the entire class to stand on a grid of perpendicular lines. Use tape to label rows and columns with unique numbers and letters as on Activity Support: Classroom Grid. Explain that students represent points on a latitude and longitude grid. You will call out the address for particular points and the student at that grid point should raise a hand. Other students should sit. Ask the standing student to say his or her grid address. Repeat as time allows. Distribute Activity Support: Classroom Grid and use the example shown to explain its use. Have students complete the grid and use it with a partner(Logical/Kinesthetic)

Students will complete Core Concepts 1.1 *Word Wise*: Choose one word from the Word Bank to fill in each blank in their *Student Journals*.

Students will write their answers to Core Concepts Lesson 1.1 Assessment Questions in their notebooks.
Check notebook answers for understanding

Title: Core Concepts 1.2 Geography's Five Themes

Students will read and discuss *Geography's Five Themes*

myWorld Activity 1.2: Characteristics for Visitors – Five Themes. Give students Activity Support: Characteristics. Ask them to complete the web with information about their hometown or a nearby community. Then ask them to use the information they gather to create a bulleted list for a travel guide. Challenge them to answer the following questions: Where is this community located? Why is it there? What is it like?(Verbal)

Students will complete Core Concepts 1.2 *Word Wise*: Word Wise Words in Context, write an answer that demonstrates understanding of boldfaced key terms

Students will write their answers to Core Concepts Lesson 1.2 Assessment Questions in their notebooks.
Check notebook answers for understanding.

Title: Core Concepts 1.3 Ways to Show Earth's Surface

Students will read and discuss *Ways to Show Earth's Surface*

myWorld Activity 1.3: Mapping Tools – Pros and Cons. Assign small groups a location somewhere on Earth. Explain that groups need to explore and map the location, but can only afford two mapping tools or approaches. Distribute myWorld Activity Support Mapping Tools and assign different mapping options from the text. Individuals should evaluate features of their assigned option and share their views. Have groups and then the whole class choose two mapping tools.(Logical/Visual)

Students will complete Core Concepts 1.3 *Word Wise*: Word Wise Vocabulary Quiz Show

Students will write their answers to Core Concepts Lesson 1.3 Assessment Questions in their notebooks.
Check notebook answers for understanding.

Title: Core Concepts 1.4 Understanding Maps

Students will read and discuss Understanding Maps

myWorld Activity 1.4: From Here to There! Locate North. Pair students to identify classroom locations and write directions. Students may extend the Connect questions or use these idea-starters: How far is it from your desk to mine? How can I get to the computer from the hall door? Where do I go for supplies? Have students create written directions and use myWorld Activity Support: Your Classroom to add a visual component. Have partners follow each other's directions and comment on their clarity.(Visual/Verbal)

Students will complete Core Concepts 1.4 *Word Wise*: Word Wise Crossword Puzzle

Students will write their answers to Core Concepts Lesson 1.4 Assessment Questions in their notebooks. Check notebook answers for understanding.

Title: Core Concepts 1.5 Types of Maps

Students will read and discuss Types of Maps

myWorld Activity 1.5: Living Map – Movement Key. Work as a class to create living maps. Give students myWorld Activity Support: Movement Key. Review the body positions as students practice. Brainstorm ways to show additional features, such as a star card to mark a state capital. Have students use body gestures and completed cards to create outline physical maps of your state with its capital or its place on the election map.(Kinesthetic)

Students will complete Core Concepts 1.5 *Word Wise*: Sentence Builder, complete the sentence using information you have learned in this section

Students will write their answers to Core Concepts Lesson 1.5 Assessment Questions in their notebooks. Check notebook answers for understanding.