

# Student Learning Plan

## Unit 5: Geography, Map Skills and Environmental Awareness

### Introduction to Maps [U5C1L2]



#### **Why this is important:**

Knowing how to read maps is a skill that can strengthen your awareness of the world around you. Your effective use of maps requires a basic understanding of them, their scales, symbols and colors. In this learning plan you will examine types of situations that require map reading skills and will use these skills to orient a map.



#### **What you will learn to do:**

*(Competency)*

Use map reading skills

*Linked Core Abilities*

Apply critical thinking techniques



#### **How you will know when you are succeeding:**

You will show that you have learned the target knowledge and skills:

- by creating a travel planner for a desired vacation destination using map reading skills and techniques

Your performance will be successful when:

- Destination Planner includes vacation destination
- Destination Planner includes number of days traveling
- Destination Planner includes routes and miles per day of travel
- Destination Planner includes road or highway names, sites, landmarks and other stopping points along the way
- Destination Planner accompanies a map
- Destination Planner provides accurate information



#### **Knowledge and skills you will learn along the way:**

*(Learning Objectives)*

- a. Identify symbols, colors, and features on standard road maps
- b. Identify locations on a city and state map
- c. Communicate directions to specified sites using a city and state map
- d. Define key words: bar scale, contrast, elevation, intermittent, landforms, legend, man-made, marginal information, orient, prominent, relief, terrain, and topographic maps



### **Learning Activities:**

*These learning activities are designed to help you learn the target skills and knowledge for this lesson. Your instructor may assign additional or alternative learning activities.*

- \_\_\_\_ 1. PREVIEW the Student Learning Plan including the competency, learning objectives, core abilities, performance standards, learning activities and assessment activities. [Work independently] IDENTIFY all map symbols and their meanings and POST them in a visual tool (graphic organizer or Thinking Map). PARTICIPATE in a discussion on map parts and symbols using your team's illustration. [Work with a partner] RECORD your responses to the reflection questions into your Cadet Notebook. [Work independently]
- \_\_\_\_ 2. [SELF-PACED OPTION] IDENTIFY all of the symbols and parts of the map in a K-W-L Chart. INCLUDE the K-W-L Chart and responses to the reflection questions into your Cadet Notebook.
- \_\_\_\_ 3. READ Section 2: Introduction to Maps from Chapter 1 in the student text. COMPARE map symbols, colors, scales, and map features on the maps. CREATE a Double Bubble Map (or Venn Diagram) showing comparative information gathered from the text and the maps. SHARE your illustration with entire class. [Work with a team of 3-6 cadets] INCLUDE a copy of your illustration and record responses to the reflection questions and Section Review questions into your Cadet Notebook. [Work independently]
- \_\_\_\_ 4. [SELF-PACED OPTION] Cadets complete activity above independently.
- \_\_\_\_ 5. USE Exercise 1: Scavenger Hunt to locate information in the map provided. COMPETE against time to see who completes Exercise 1 first. [Work with a team] RECORD responses to the reflection questions into your Cadet Notebook. [Work independently]
- \_\_\_\_ 6. [SELF-PACED OPTION] OBTAIN a map from either your instructor, home or from the Internet. USE Exercise 1: Scavenger Hunt to apply your map reading skills. INCLUDE your completed Exercise 1 and answers to the reflection questions into your Cadet Notebook.
- \_\_\_\_ 7. CREATE a 10-question Scavenger Hunt and answer key similar to Exercise 1. CONSIDER the key words used in this lesson. DISTRIBUTE the new "Exercise 1: Scavenger Hunt" and map to another partner team. [Work with a partner] PARTICIPATE in a discussion on any remaining map reading skills you need or want to learn. RECORD responses to the reflection questions into your Cadet Notebook. OBTAIN the Using Map Reading Skills Assessment Task from your instructor. [Work independently]
- \_\_\_\_ 8. [SELF-PACED OPTION] RE-CREATE Exercise 1: Scavenger Hunt using a map of your own choice. WRITE 10 questions, making sure to include any key words previewed in this lesson. INCLUDE the new Exercise 1 and Answer Key, map and responses to the reflection questions into your Cadet Notebook. OBTAIN the Using Map Skills Assessment Task from your instructor.



### **Assessment Activities:**

*These assessment activities will enable you to show that you have learned the target skills and knowledge for this lesson. Your instructor may assign additional or alternative assessment activities.*

- \_\_\_\_ 1. COMPLETE the Using Map Skills Assessment Task. USE the attached scoring guide to self-assess your work. SUBMIT your completed assessment task to your instructor for evaluation.
- \_\_\_\_ 2. [SELF-PACED OPTION] Same as above.