UNIT 6: GEOGRAPHY AND SURVIVAL SKILLS

Content Area: **Social Studies**
Course(s): **Naval Science 1**
Time Period: **November**
Length: **10 blocks**
Status: **Published**

Enduring Understandings

- The principles and tools of map reading and land navigation
- The basics of survival in different environments

Essential Questions

- What are the characteristics of topographic maps?
- How does the grid reference system help you to navigate?
- How do you use terrain features to orient a map and determine your location?
- How do you measure distance using maps?
- How do you calculate direction on topographic maps?
- How do you compass and grid to locate a position on a topographical map?
- How do you apply map reading and land navigation skills to determine location?

Content

1 Geography, Map Skills, and Environmental
Awareness
NS1-U6C1S1 – Components of a Globe
NS1-U6C1S2 – The Introduction to Maps
NS1-U6C1S3 – Contours and Landforms
NS1-U6C1S4 – Distance and Direction
NS1-U6C1S5 – G-M Angle
NS1-U6C1S6 – Orienteering
2 Fundamentals of Survival NS1-U6C2S1 – Fundamentals of Survival

Skills

- Describe the components of a globe
- Analyze the characteristics of topographic maps

- Graph the Grid Reference System to locate points anywhere in the world
- Analyze terrain features to orient a map and determine your location
- Measure distance using maps
- Calculate direction on topographic maps
- Master the use of a compass and grid to locate a position on a topographical map
- Apply map reading and land navigation skills to determine location
- Connect map-reading skills to orienteering

Resources

- **https://www.navy.com/**
- **https://www.nrotc.navy.mil/**
- **http://www.njrotc.navy.mil/curriculum.html**
- Naval Junior Officers Training Corps Introduction
- Cadet Reference manual
- A Field Manual for NJROTC 10th Edition

Standards

Reading and Informational Text
RI.9-10.1. Cite strong and thorough textual evidence to support analysis of what the text says …

RI.9-10.3. Analyze how the author unfolds an analysis or series of ideas or events…
RI.9-10.4. Determine the meaning of words and phrases as they are used in a text…

Writing
W.9-10.1. Write arguments to support claims in an analysis of substantive topics or texts…
W.9-10.4. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

W.9-10.8. Gather relevant information from multiple authoritative print and digital sources…

Speaking and Listening
SL.9-10.1. Initiate and participate effectively in a range of collaborative discussions…
SL.9-10.2. Integrate multiple sources of information presented in diverse media or formats…

Language
L.9-10.4. Determine or clarify the meaning of unknown and multiple-meaning words and phrases…
L.9-10.6. Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level…