



Mapping and Emergencies

Lesson Title: Mapping and Emergencies

Grade Level: 2nd-5th

Purpose: Teach age appropriate skills for fire and life safety while teaching to statewide learning standards.

Materials Needed (Optional):

For Demonstration:

- Map

For Activity:

- Construction Paper
- Scissors and Glue

Standards:

Washington State Social Studies Standards

Geography

[G1.2.1](#) Apply basic mapping elements to read and construct maps of their communities and the world.

[G1.2.2](#) Use maps, globes, and other simple geographic models to identify cultural and environmental characteristics of places.

[G1.2.3](#) Use maps, graphs, photographs and other representations to describe places and the relationships and interactions that shape them.

Washington State Health and PE Standards

Health

[H1.Sa2.5](#) Explain how to respond to emergency situations.

Safety:

- Situational Awareness
- Knowing Your Address for 911
- Visible Address Signs in Emergencies

Objectives: The students will demonstrate understanding of:

- Directions and Grids
- Roadways
- Addresses
- Maps in Emergencies

Vocabulary:

- **Longitude**-lines that run in a north-south direction on the Earth.
- **Latitude**-lines that run in an east-west direction across the Earth.
- **GIS**-Geographic Information System
- **GPS**-Global Positioning System
- **Situational Awareness**-knowledge of your surroundings and what is going on around you.

Time: 45-60 minutes for presentation and demonstration.



Instructional Content:

Use this bulleted list to guide you and keep you on track and meeting all objectives for lesson. Everyone has their own style for teaching, the most important thing is the make it fun and engaging for the kids.

• Warm up Activities:

- **Mini KWL:**
 - Ask students to individually make a mini KWL chart about maps and how they are used in emergencies.
 - K-What do you already know about maps?
 - W-What do I want to know about maps?
- **Bell Ringer:**
 - Mapping and Emergencies Bell Ringer:
 - Have students complete the Mapping and Emergencies Bell Ringer.
- **Entrance Ticket:**
 - Ask students to try to define: Latitude, Longitude, GIS, GPS, Situational Awareness

• Video:

- Follow the link:
 - http://www.snofire7.org/preparedness_education/home_education_lessons/lesson-details.cfm?record_id=9
- Watch Video:
 - Run time: 31:30
- Have students fill out the worksheet as they watch.

• Closure Activities:

- **Mapping and Emergencies Bell Ringer:**
 - Have students complete the exit ticket activity provided below the bell ringer.
 - **Exit Ticket:** Write three things you learned in the lesson.
- **Exit Ticket:**
 - Ask students to use what they learned to add more detail to the definitions they wrote at the beginning of class for the following terms: Latitude, Longitude, GIS, GPS, Situational Awareness
- **Mini KWL:**
 - Ask students to finish the last column for the KWL chart about mapping and emergencies.
 - L-What did you learn?

Homework and Enrichment Activities:

- Mapping in Emergencies Worksheet
- Address Challenge
- Treasure Hunt Challenge

Handouts:

- Mapping and Emergencies Bell Ringer and Exit Ticket
- KWL Chart



Directions: Answer the bell ringer questions before watching the video. If you don't know the answer, use your best guess:

NAME: _____



MAPPING AND EMERGENCIES BELL RINGER

SNOHOMISH REGIONAL FIRE AND RESCUE



BELL RINGER:

LABEL THE FOLLOWING ON THE MAP:

- North, West, East, South
- Washington
- At least 5 other states.



EXIT TICKET

WRITE 3 THINGS YOU LEARNED IN THE LESSON:

1. _____
2. _____
3. _____

Directions: Answer the bell ringer questions before watching the video. If you don't know the answer, use your best guess:

NAME: _____



MAPPING AND EMERGENCIES BELL RINGER

SNOHOMISH REGIONAL FIRE AND RESCUE



BELL RINGER:

LABEL THE FOLLOWING ON THE MAP:

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EXIT TICKET

WRITE 3 THINGS YOU LEARNED IN THE LESSON:

1. _____
2. _____
3. _____

MINI KWL CHART



NAME OF STUDENT:

SUBJECT:

LESSON:

**WHAT I
KNOW:**

**WHAT I
WANT TO
KNOW:**

**WHAT I
LEARNED:**

