

## ANTICIPATION GUIDE: LATITUDE AND LONGITUDE

Name of pre-service teacher: **Hallie Cole** Grade Level: **3**

PA- Pennsylvania Academic Standards  
Subject : **Geography**

- **Area 7.1: Basic Geographic Literacy**
- **Grade 7.1.3: Grade 3**

**Standard A.: Identify geographic tools and their uses.**

- **Characteristics and purposes of different geographic representations**
  - Maps and basic map elements**
    - Globes**
    - Graphs**
    - Diagrams**
    - Photographs**
  - **Geographic representations to display spatial information**
    - Sketch maps**

**Thematic maps**

- **Mental maps to describe the human and physical features of the local area**

**Objectives: (effective lessons will have more than one objective)**

- \***Students will be able to find places on a map using latitude and longitude.**
- \***Students will be able to understand how storms are tracked on a map using latitude and longitude.**

**Materials Needed:**

- vocab words and definitions**
- white board**
- map**
- homework worksheet**

**Engage Student Interest:**

**KWL chart: What is latitude and longitude?**

**Anticipation Guide –**

- **Introduce vocabulary: latitude, longitude, coordinate point, equator, prime meridian, degrees, hemisphere (N S E W)**
- **Have the students write all the vocabulary words down with their definitions.**
- **Show a video of hurricanes moving up the coast. Ask how they think weathermen and women track the hurricanes in order to inform the people.**
- **Draw a grid on the board and mark points with various symbols. Explain coordinate points. Give students exit card tasks to list the coordinate point where each symbol is located.**

**After reading/assessment**

- **Students successfully use note taking skills to write down the vocabulary words**

**Summative assessment:** I will mark some points on the grid that I make on the board using different symbols. Then I will ask which points hold which symbols and the students will write down their answers on a card to hand to me before they can pack up.