



PATHFINDERS LESSON PLAN 1

Teacher

RESEARCH ESSAY - POSITION STATEMENT

TEACHER:	SUBJECT: Social Studies, Geography
TOPIC: Testing knowledge of GPS units by inputting data and also \ retrieving data	FORMAT:

COMMON CORE STANDARDS:

Geography 6

3. Geographic tools can be used to gather, process and report information about people, places and environments. Cartographers decide which information to include and how it is displayed.
4. Latitude and longitude can be used to identify absolute location.
6. The variety of physical environments within the Eastern Hemisphere influences human activities. Likewise, human activities modify the physical environment.

ESSENTIAL QUESTIONS:

1. Can I find my current location using the GPS unit?
2. Can I input coordinates and use the GPS unit to find that location?
3. How can the ability to read GPS coordinates be used in real life situations?

I CAN STATEMENTS (LEARNING OBJECTIVES):

- I can accurately input GPS coordinates and use the GPS unit to find that location.
- I can find my current location coordinates using the GPS unit.
- I can use GPS coordinates to create maps.

MATERIALS: GPS unit (provided by Park District), colored rocks (provided by Park District), Scavenger Hunt worksheet	LINKS: https://childhoodbynature.com/the-big-deal-about-nature-playgrounds/
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ACTIVITY:

After the Nature LIVE! session, students will go outside with the GPS unit around their necks, to use the skills they have just learned. First, all students will be paired with a partner, but all work will be done individually. They will then each be given 5 colored rocks (of the same color) that they will use to place around the schoolyard at noticeable unique natural features for their partner to find. At each location that a student places a rock, they will use the GPS unit to identify the exact coordinates of the location. Students will write these coordinates on their Scavenger Hunt worksheet. After both students have recorded the 5 coordinate locations of their natural features individually, they will switch papers with their partners and use their partner's coordinates to find their natural features on their own (the colored rocks help students locate the correct natural feature). Next to each set of coordinates students will draw the natural feature they find at those locations.

EVIDENCE OF ACTIVITY (WHAT TO TURN IN):

Students will turn in the completed Scavenger Hunt worksheet