

GPS Ancient Egypt

Summary

Students will be introduced to Ancient Egypt through finding a geo-cache clue and then find out facts about this Ancient Civilization.

Time Frame

2 class periods of 45 minutes each

Group Size

Small Groups

Materials

(1)GPS hand-held--one for each small groups (2)Ziplock bags--one for each waypoint (3)Ancient Egypt Worksheet 1 for each student--attached below or teacher created (4)Pictures of Ancient Egypt--attached below or teacher created (5) Computers with internet access for wikipedia, Google Maps, and Google Earth

Background for Teachers

Teachers need to know how to operate a GPS unit before teaching this activity and help students use the internet to look at wikipedia and Google maps/Google Earth.

Student Prior Knowledge

Prior to this lesson the class should have a basic understanding of GPS and how to use functions such as finding waypoints.

Intended Learning Outcomes

Students will work cooperatively to find GPS waypoint clues and then use these clues to research their picture in relation to the ancient civilization of Egypt.

Instructional Procedures

- (1) Prior to the activity, the teacher should locate a few (depending on number of student groups) waypoint locations found on the school grounds. These waypoints should be inputted into each GPS device before the activity.
- (2) Students are placed into small groups. Each group will be given a GPS unit. (Management tip: Each group will start out toward a unique waypoint)
- (3) At their groups waypoint, students will find a picture in the container. Students will bring their container and picture back to the classroom.
- (4) Groups will use classroom and/or internet resources to research their ideas of what ancient civilization their picture represents and answer questions on their worksheet.
- (5) When groups are finished, they will share facts about the civilization.

Rubrics

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Authors

[JOHN PAYNTER](#)