



CAVOC 8th Grade Curriculum- Geocaching

(Cedric A. Vig Outdoor Classroom)

Suggested Schedule-

7:50	Homerooms
7:55	Report to Commons, check in, board bus
8:10	Arrive at CAVOC
8:15	Orientation & Large Group Ropes Instruction
8:30	Session I (75 minutes)
9:45	Break – juice served at the lodge (20 minutes)
10:05	Session II (75 minutes)
11:20	Lunch (40 minutes)
12:00	Session III (75 minutes)
1:15	Session IV (75 minutes)
2:30	Clean Up
2:35	Walk to bus
2:40	Departure
2:50	Arrive JWJHS – Commons or outside
2:58	Dismissal

--SESSIONS--

GEO/O: Geocaching or Orienteering

FA: When Seconds Count

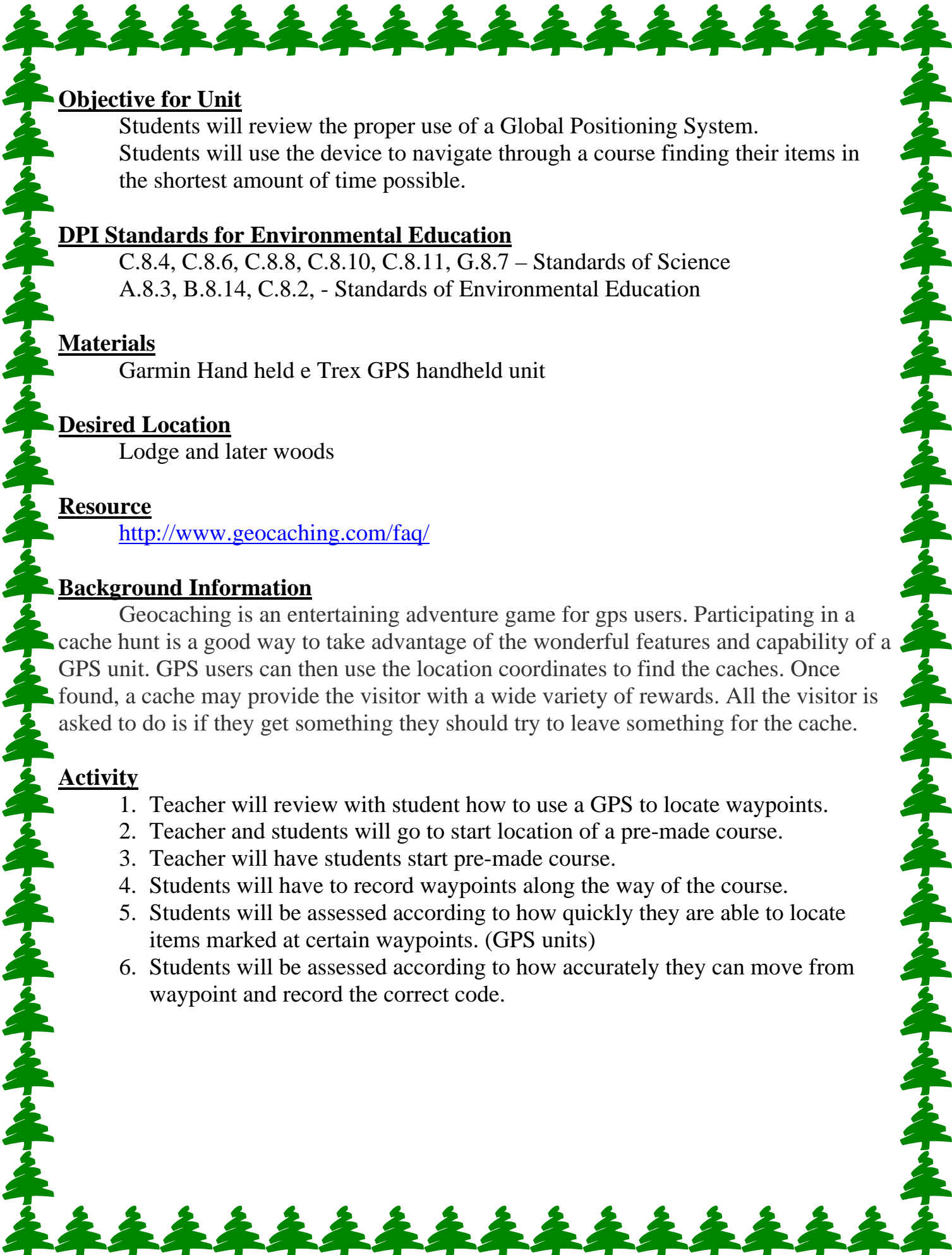
HE: High Elements

UF: Urban Forestry

Sessions	1	2	3	4
Time/team	8:30 – 9:45	10:05–11:20	12:00–1:15	1:15 – 2:30
1	HE	UF	FA	GEO/O
2	UF	FA	GEO/O	HE
3	FA	GEO/O	HE	UF
4	GEO/O	HE	UF	FA

Geocaching

(~ 75 minutes)



Objective for Unit

Students will review the proper use of a Global Positioning System.
Students will use the device to navigate through a course finding their items in the shortest amount of time possible.

DPI Standards for Environmental Education

C.8.4, C.8.6, C.8.8, C.8.10, C.8.11, G.8.7 – Standards of Science
A.8.3, B.8.14, C.8.2, - Standards of Environmental Education

Materials

Garmin Hand held e Trex GPS handheld unit

Desired Location

Lodge and later woods

Resource

<http://www.geocaching.com/faq/>

Background Information

Geocaching is an entertaining adventure game for gps users. Participating in a cache hunt is a good way to take advantage of the wonderful features and capability of a GPS unit. GPS users can then use the location coordinates to find the caches. Once found, a cache may provide the visitor with a wide variety of rewards. All the visitor is asked to do is if they get something they should try to leave something for the cache.

Activity

1. Teacher will review with student how to use a GPS to locate waypoints.
2. Teacher and students will go to start location of a pre-made course.
3. Teacher will have students start pre-made course.
4. Students will have to record waypoints along the way of the course.
5. Students will be assessed according to how quickly they are able to locate items marked at certain waypoints. (GPS units)
6. Students will be assessed according to how accurately they can move from waypoint and record the correct code.

