



Winter's Come – GPS Project

Timeline:

1. **Reserve GPS Devices**
2. **Load Google Earth** on computers.
3. Students will review Latitude and Longitude with teachers. Students will also be exposed to different types of poetry and review.
4. _____ **View GPS video on United Streaming Video.** Students will need to view this video prior to GPS activity.
5. _____ **Students will participate in Google Earth Activity.** The students will then search for the name of the Author of our mystery poem by using waypoints (latitude and longitude). Classes need to sign up for 1 hour blocks anytime throughout the day.
6. _____ **Pick up GPS units and charge batteries.**
7. **Create caches** depicting the symbols found in the poem – *Winter's Come*. There will be 6 caches to be found and their words/meaning will then be filled in the mystery poem by the students.
8. _____ **GPS Hide & Seek Activity** - Small group instruction for students with the GPS devices.
Materials: GPS devices, activity sheets, clipboards, pencils, old shoes, whistles
9. _____ **Rain Make Up Day for GPS Hide & Seek Activity**
10. _____ Teachers will discuss proper attire for GPS activity. (Old shoes, warm dress, long pants, shoes over toes, hat and mittens if needed, jacket, etc. Dress Warmly!)
11. _____ **Hide Caches in Park**
Note: Winter's Come GPS Activity Sheet – To conserve paper, after the hiding caches, make copies of the Activity Sheet, and cut the Cache Description & Location from the student's copy. Don't CUT the teacher's copy; it needs to contain all information.
12. _____ **Winter's Come/GPS Activity** - Classes will use the GPS devices and to search for the poetry caches in the park. Each class will sign up for a 1 ½ hour time slot.
Materials: GPS devices, Winter's Come Blank Poem activity sheets, Winters Come GPS activity sheet, clipboards, pencils, old shoes, whistles
13. _____ **Rain Make Up Day for Winter's Come/GPS Activity.**
14. **Using the cache sheet, students will complete the blank Winter's Come poem.**