

# **Maria Montessori Academy**

## **Geocaching Field Experience on October 26, 2016**

The lead instructor is Ms. Emily [egoddard@mariamontessoriacademy.org](mailto:egoddard@mariamontessoriacademy.org)

**Our College and Career Awareness classes** will be taking a *local* Geocaching trip on **October 26, 2016** during your students' respective College and Career Awareness class. **We will be walking** to geocaches located within a mile of the school.

### **What you will do and what you will learn**

- Introduce students to a lifelong sport
- Utilize mobile devices and GPS receivers to communicate with satellites to disclose the location of hidden treasures around the school.
- Students will learn how a satellite communicates a precise location on the globe
- Geocaching techniques will be implemented to locate 4-5 caches surrounding the school within a mile.
- Recognize the use of information technology systems in all facets of society
- Explore different types of networks
- If you take something from a cache, you are expected to replace it with something else. These items are inexpensive such as pencils, small toys, key chains, etc.

### **What you will need to wear or bring**

- Hat/Sunglasses
- Good walking shoes
- Please dress in layers
- Even if it rains, we are going, so be prepared with appropriate gear (unless there is lightning)
- Mobile device preloaded with the app Geocaching by Groundspeak, Inc.

Note: I also will have 4 GPS receivers pre-loaded with the coordinates for students to use

### **Our Schedule**

The first 15 minutes of class will be help in class for an introduction. Please refer to the following schedule for your student's respective class:

B1 8:45-9:45

B2 10:00-11:00

B3 11:20-12:20

The caches include 'Rx' (near Walgreens), 'Another Hydrant, which is on 2550 N., a challenging one is 'ET,' near Smiths gas station, 'Check Every Cavity' which is near North View Dental. I also want to start a new cache that is larger so that students can trade an item. If you take something from a cache, you are expected to replace it. These items are inexpensive such as pencils, small toys, key chains, etc.)