



## Insects – GPS Project

### Timeline:

1. \_\_\_\_\_ **View “Globes and Us” video** on United Streaming for information on operating GPS units. Students will need to view this video prior to GPS activity that is scheduled for \_\_\_\_\_.
2. \_\_\_\_\_ As a class, students will participate in **Google Earth activity**. The children will assist the teacher to search for the names of North Carolina cities by using wave points (latitude and longitude). Teacher need to reserve the COW (Computer on Wheels) for the class activity.
3. \_\_\_\_\_ **Hide & Seek Activity** - Students will learn how to use GPS devices by searching for hidden caches. This will be a practice round.
4. \_\_\_\_\_ **Rain Make up date for Hide & Seek Activity.**
5. \_\_\_\_\_ **Pick up GPS units and charge batteries.**
6. \_\_\_\_\_ **Create Caches** depicting the various stages of a life cycle. There will be 4 caches per insect to be found. There are 6 different insects. (see attached cache handout)
7. Teachers will **discuss proper attire** for Insect/GPS activity.
8. \_\_\_\_\_ **Hide the GPS** caches early in the morning or day before the Insect/GPS Activity. Write down the waypoint for each group.
9. \_\_\_\_\_ **Insect/GPS Activity** - Classes will use the GPS devices and search for the Insect caches using latitude and longitude all around school grounds. (Make up day for Iditarod GPS.)
10. \_\_\_\_\_ **Rain Make Up Date – Insect/GPS Activity**