

STEP 5



Checkpoint

Now that you have listed the predefined features to map, the instructor must verify that the information was recorded properly. Click on **Lessons, Activity 5**, and select **Checkpoint 3**. Signal the instructor once you have reached the opening screen. The instructor will examine your notebook and answer specific questions. Once the assessment is complete, the instructor will tell you whether or not the weather conditions are acceptable for the next step. If weather conditions are unacceptable, proceed to Step 7 in the Student Guide, and check with the instructor on when you may complete this project.

STEP 6

Do this

You will now create a map. Locate a sheet of graph paper in the module area and place it on the clipboard. Use the pace you calculated in **Activity Four** to measure the distances and a compass to measure direction. Map all of the features you listed in your student notebook in Step 4. Be sure to stay within the instructor-defined boundaries.

STEP 7

Do this



If weather conditions do not allow for the previous step, locate the *Comptons Interactive Encyclopedia*® CD. Place it in the drive and click the **Encyclopedia** button and research articles on mapping and navigation.

STEP 8

Career choices



Although there is no true career in global positioning, many careers have been revolutionized by global positioning technology. Click the **Lessons** button, **Activity 5**, then the **Emergency Management** and **Navigation** buttons. These buttons will provide information on two different applications of GPS.

STEP 4

Do this

Obviously, it is much easier to locate a classroom in a school than to find an exact location in the woods, or on a mountain, etc., right? Wrong. It all depends on the tools being used. While written instructions just prepared and used would be quite difficult in the woods, the GPS can be used to make complicated navigation a very simple task.

You will now locate a point determined by the instructor. Review your notes from **Activity Five** regarding where you may go to locate the point. Signal the instructor to receive the GARMIN 12 GPS receiver and obtain permission to go outside to complete the activity.

When you get outside, turn on the power and after the Position Screen is displayed, press the Goto key. Use the arrows to select FINDME and press Enter. Follow the on-screen directions to locate the point. After doing so, turn off the power to the GPS receiver and return to the classroom. Return the receiver to the instructor.

STEP 5

Career choices



Click the **Lessons** button, **Activity 9**, then the **Surveying** and **Precision Farming** buttons. These buttons will provide information on two more applications of GPS and GIS.