

MAKE TRAX

Step
4



Field Activity


Duration of Lesson: 70-90 minutes



Students will:

- Collect field data along walking routes to and from school.
- Document observations using digital photography, GPS receivers and/or field notes.

Equipment and Materials:

- Digital cameras with identifying number
– 1 per 3-5 students (optional).
- GPS receivers with identifying number
– 1 per 3-5 students.
- Clipboards—1 per 3-5 students.
- Route Maps—1 per student.
- What to Look For handouts—1 per student. 
- Extra maps and handouts for adults.
- Pencils.
- Watch or other time device.

Resources:

Adult chaperone
www.saferoutesmichigan.org
Michigan's Safe Routes to School (SR2S) Handbook



Note: Decide in advance how much time is needed to walk the routes and take field photos and notes. Adjust the estimated times provided in this lesson, given the length of routes and the conditions that will be observed.



Activities: 65-85 minutes

15 minutes

1. Introduce the adult partners and assign them to the student groups.
2. Distribute cameras, GPS receivers (if being used), clipboards, note paper, pencils.
3. Ask students to:
 - Check that the camera and GPS receivers have the same number on them.
 - Check that the time and date on the GPS receivers (if being used) and camera are exactly the same.
4. Review with student teams:
 - Team walking routes.
 - What to Look For handout. They should take photos and collect GPS information (or address information) on the most troublesome conditions they see along their assigned route. Be sure to make a note explaining every photo that they take.
 - The length of time they will spend in the field (one or two class periods).
 - When to return to the classroom today.

50-70 minutes

5. Dispatch teams.
6. Upon return of teams to classroom:
 - Collect equipment noting each team's equipment number.
 - Collect field notes noting the route the teams walked.

Review: 5 minutes

1. Tell students they will link the GPS track log (or the street address information) with the digital photos during the next class period.
2. Ask students to share what they saw during the field activity.



Make
Trax™