

# Using Community Information to Navigate

## Bicycle Safety Lesson 5



Photo courtesy [www.pedbikeimages.org](http://www.pedbikeimages.org) / Dan Burden

### STUDENT LEARNING OBJECTIVES

- Students will learn to use maps to identify possible biking routes.
- Students will learn how to use a travel log to record motor vehicle and possible or actual bicycle trips.

### PREPARATION

- Gather the needed materials.

### MATERIALS

- Master for weekly log sheets—motor vehicle trips
- Master for weekly log sheets—bicycle trips
- Multiple loaner phone books of local area for looking up addresses
- Students' previously acquired road maps of local area from Lesson 4
- Extra road maps of local area
- Pens or pencils
- Writing paper
- Highlighters or crayons, especially red, yellow and green colors for optional activity

**TIME: 30 MINUTES**

# Using Community Information to Navigate

## Bicycle Safety Lesson 5, cont.

### **INTRODUCTION**

Time: 1 minute

Tell the students:

*Today we are going to talk about some of the places that you go with your family and friends and by yourself. Some of these trips may be in a car or on your bicycle. We are going to learn how to keep track of those trips for one week using a log sheet. We are also going to talk about road hazards that might keep you from riding your bicycle to some of these places. Then we will look at some other possible routes you might be able to use to ride your bike to some of those places.*

### **ACTIVITY 1: THE ROUTE TO A BIKE SHOP**

Time: 10 minutes

Ask students to look up bicycle shops in the phone book and locate and mark them on their individual maps. Ask the students to mark the location of their homes on their individual maps.

Ask the students to determine if it would be possible for them to ride their bicycles from their homes to the shop. Ask them to mark routes they might take on their maps.

Tell students what some road hazards are between their homes and destinations. Ask the students to mark road hazards, dangers or barriers on their maps with red "x"s. Ask them to identify detours around those hazards. Discuss the hazards students identified and list them.

### **ACTIVITY 2: ROUTES TO OTHER PLACES OF INTEREST**

Time: 10 minutes

Distribute a piece of paper and pens or pencils to each student and ask the students to list five or six local attractions or destinations that they do visit or would like to visit. Ask them to mark and label two or three of these other destinations, such as parks and schools, on their maps.

Show them the map key and how they can use it to determine distances on the map.

Ask each student to choose one destination within a reasonable riding distance from his or her home, mark it on the map, show the route to travel to that destination, and determine how far it is from their house in half miles.

Tell students what some road hazards are between their homes and destinations. Ask the students to mark road hazards, dangers or barriers on their maps with red "x"s. Ask them to identify detours around those hazards. Discuss the hazards students identified and list them.

### **ACTIVITY 3: KEEPING MILEAGE LOGS**

Time: 8 minutes

Distribute a motor vehicle mileage log and bicycle mileage log, each good for one week's worth of trips.

Note: Each trip is one start to one destination, not a round trip.

Explain and demonstrate how to use the logs.



# Using Community Information to Navigate

## Bicycle Safety Lesson 5, cont.

---

Ask the students to keep a motor vehicle mileage log of all the trips that they take with a family member or other responsible adult (such as a carpool driver) in a car for one week. Ask them to also log their bicycle trips for one week on a bicycle log log sheet. Remind them that each trip is one way so that each round trip to and from one destination would be two trips.

Explain that the students can politely ask the motor vehicle driver to tell them the beginning and ending mileage of each trip. Remind them that they should be sure to carry a pencil or pen with them to write in the log.

Ask the students to use the logs to help them remember the trips so they can mark them on their maps.

### **CLOSURE**

Time: 1 minute

Tell the students:

*We've learned how to decide if a route is safe enough and the right distance to consider riding our bicycles. You all have your log sheets now and can write down details about every local car trip or bicycle trip you take for a week. Remember to have a pencil or pen with you to write in the log for each trip.*

### **OPTIONAL ACTIVITY: MAPPING SAFE AND UNSAFE ROUTES**

Time: 5-7 minutes

Mark red, yellow and green routes to your school from your house on your map.

- Red means Danger! This is not a good route at this time!
- Yellow means Caution! This may be a possible route but you must be very careful in addition to following the rules of the road.
- Green means Go! This is a pretty good route as long as you remember and obey the rules of the road.