

Illinois bicycle safety quiz challenge (www.bikesafetyquiz.com)

Teacher instructions

Introduction

Welcome to bikesafetyquiz.com, an easy-to-use learning resource meant to help fill an educational gap for bicyclists and motorists. Teachers, driver education instructors (both at schools and private driving schools), scout leaders, and others can assign this short, online lesson to their students, without having received special training on the issues themselves.

The website has separate quizzes for three different audiences:

- 1) **Child Bicyclist.** Appropriate for older elementary school children, especially 4th and 5th graders. Includes classroom functionality, for schools and other youth groups.
- 2) **Motorist.** Appropriate for either individual motorists, or driver education students of any age. The driver ed option has classroom functionality, for instructors to use.
- 3) **Adult Bicyclist.** Mainly for adults, but also appropriate for high school ages. There is no classroom functionality for this quiz, so it must be taken as an individual.

The quiz questions, approved by the Secretary of State, cover bicycle-related state laws and safety techniques. A relevant Illinois learning standard for the lesson is Goal 19-C: “Demonstrate knowledge of rules, safety, and strategies during physical activity.”

The Child Bicyclist and Motorist quizzes, especially, can be done in one class period. A quiz can be assigned as computer homework, a computer lab exercise, extra credit, etc. The learning occurs from feedback given after each answer choice, with extra chances (if needed) to answer questions correctly.

How to Use

Levels. In each quiz, users progress through a total of 25 (Child Bicyclist), 26 (Motorist), or 33 (Adult Bicyclist) multiple-choice questions. The questions are divided into Bronze, Silver and Gold levels, with Bronze focused on the highest priority concepts. Having three levels provides flexibility:

- A teacher may choose to assign only the Bronze, or Bronze and Silver levels
- Students will progress through the quiz at different rates. Given a certain amount of time, such as an allotted computer lab time, some will be able to finish more levels than others.

At the end of, or within, a level, students may “Exit Quiz” and return later, if needed.

Registering. For teachers, driver's ed instructors, or other youth group leaders to be able to assign a quiz to their students, they must create an account and then a class code. This is done from www.bikesafetyquiz.com/teacherpage, the teacher area of the website. You will need to "Register" your first time there, with your name and email. (We do not use teacher information for any other purpose, nor do we give, sell, or trade this information.) Also, type your school name, or some distinctive part of it, into the "School" field. If your school does not pop up as one of the choices, you may use the "Other Groups" option, instead. Start typing "Other Groups" in the "School" field. Then, scroll to and select the choice for your county (e.g., "Other Groups – Madison County").

After you've registered, you may simply "Login" when you return later.

Creating a Code. Once you have registered, you will see the teacher account menu page (dashboard). You will have to add at least one 9-digit code, for your students to use to correlate their quiz results with you. (The code is based on your school, grade being taught, and number of codes that have previously been created for that school.)

When creating the code, be sure to specify the start and stop of your academic year. Each academic year, you will have to create a new code – so that your previous students' results are not mixed with your current students. Also, if you teach more than one grade, or at more than one school, you can create separate codes for each.

To log out of the teacher's section, click "Menu" in the upper right, and "Logout".

Students Start. Your students should go to www.bikesafetyquiz.com, and select the appropriate quiz. If it's Motorist, they should next click "Driver Ed Student" when asked "Please select which applies to you."

For the Child Bicyclist or Motorist (Driver Ed Student) quiz, they'll be asked for the appropriate 9-digit code, which you should provide to them. They then should see your name and school and confirm that it is correct, to verify the code.

Student Record. Students will then have to enter their first name, last initial, and a phrase (of their choosing) that acts like a password. This creates a record that will be needed for you to differentiate between students, when viewing class results. It also allows the student to exit the quiz and return to the same point later, if needed. The data collected is compliant with COPPA child online privacy laws. We do not use the information in any way, nor do we sell, trade, or give the information to anyone else.

Quiz Flow. The students then enter the quiz, starting with the Bronze level of questions. For each question, they will select an answer, click “Next”, see their result with an explanation, and click “Continue” to advance to the next question.

At the end of a first pass through all the level’s questions, a summary page appears. If all questions are Correct, they may “Continue” to the next level. If not, only those incorrect questions will be asked again. This repeats after a second pass, if any wrong questions still remain. If any incorrect questions still remain after a third pass, the level starts from the beginning again.

Certificate of Completion. The quiz flow continues until a student successfully completes the Gold level, or clicks “Exit Quiz” to stop somewhere beforehand.

If the student has successfully completed at least the Bronze level, they are eligible to create a personalized certificate of completion, to print out or email to someone (like the teacher). Note that doing this is not needed for a teacher to check whether a student completed a quiz – see later. However, there may be reasons, or it may just be fun, for the students to create their own certificate. (To print a certificate, a PDF is created and downloaded first.)

As shown in the sample that the students will see, the certificate has the student’s first name and last initial, school, highest level completed, and date.

After the certificate creation option, the quiz flow ends with a goodbye page.

Teacher Viewing Results. Teachers may see the results for all their students using their 9-digit code by logging in and going to the teacher account menu page (dashboard), as described above. Click the “Report” link for that code. Students’ first name and last initials are listed, with quiz level completed and a timestamp.

You’re encouraged to take the quiz yourself – and verify that it shows up in your results. Also, you’re invited to take the other quizzes on the www.bikesafetyquiz.com site.

Use “Menu” in the upper right to “Logout” or return to “My Dashboard”.

Scouts and Other Youth Groups. When creating a 9-digit code, scout and other youth group leaders should use special entries for “school”. Each county in Illinois, and the city of Chicago, will have the following (using Kane County as an example): “Boy Scouts – Kane County”, “Girl Scouts – Kane County”, “Other Groups – Kane County”. (Lowest level of scouts, such as Cub Scouts, Brownies, etc. should use the general Boy Scouts or Girl Scouts categories.)

Privacy Issues

The following describes information collected for various user accounts in the website's database, and how it is used:

Students: First name, last initial, pass phrase (like a pass code), and 9-digit code number unique to that school and teacher. This is compliant with COPPA child online privacy laws. The information is used for www.bikesafetyquiz.com application purposes only. Ride Illinois does not use the information in any other way, nor do we sell, trade, or give the information to anyone else.

Teachers: First and last names (and title), email address and password, school name and grade taught. The information is used for www.bikesafetyquiz.com application purposes only. Ride Illinois does not sell, trade, or give the information to anyone else. The only time we would use the information is to contact the teacher, in the event of the school being a winner of one of our annual financial prizes.

Adult Quiz Takers: For those taking the Adult Bicyclist quiz, or those taking the Motorist quiz as individuals other than driver ed students, we are eliminating account registration. We will collect personal information from only those who voluntarily elect to join Ride Illinois' mailing list (after certifying that they are above the age for COPPA child online privacy law). This information includes First and Last Names, Mailing Address, Email Address, and information on how they learned about the quiz. This information will only be used by Ride Illinois for membership recruitment purposes and for annual financial prize drawings. Ride Illinois does not sell, trade, or give the information to anyone else.

Ride Illinois, *October 2014*