

Teacher Lesson Plan

Content Area(s)/Course/Grade:

5th to 8th Grade

Unit:

Virtual Reality Video

Lesson Topic:

Pedestrian & Bicycle Safety

Date:

Teacher:

School:

Lesson Objective(s):

By the end of this unit, students will learn to stop and look left, look right, look left again, and make eye contact with driver prior to crossing a street or intersection 100% of the time.

Material(s):

Computer

Virtual Reality (VR) Device (e.g., Oculus)

Team Research Activity Worksheets

Game Scenario Pages

Game Pieces

Instructions

1. Play the VR animation using the computer/VR device.
2. Divide students into small teams of 2-4.
3. The teams should now complete the Team Research Activity using their notes and the Texas Transportation Code (available online at: <https://statutes.capitol.texas.gov/Docs/TN/htm/TN.552.htm>).
4. Post each question around the classroom in different locations. The teams should then go around and place their responses with post-it notes on each of the questions. Once all the teams have placed their answers, hold a class gallery walk for the students to view the responses. Discuss any differences in the provided answers.
5. Provide each team with blank game scenario pages and game pieces. Each team will now need to devise questions about pedestrian/bicycle safety, and then write the corresponding answer below it. (Recommendation: 5-10 questions, depending on the time available.) Once a question is completed, it should be placed face down.
6. Explain the object of the game: Teams will ask and answer each other's questions with the goal of "building their bike" the fastest.

7. Teams should take turns asking other teams one of their questions. The first team to ask should be chosen randomly. Once the first team is decided, this team will select another team and ask that team one of their questions. If the other team answers correctly, they get a bicycle piece. If they get it wrong, the team that asked the question gets a bicycle piece. If the teams do not agree on the answer, then the two teams may use their class notes, or the Texas Transportation Code to check for the correct answer.
8. The team that succeeds proceeds to select another team and asks them one of their questions.
9. This continues until one team collects all the bicycle parts and builds the bicycle



Discussion Questions

1. What is the best clothing for you to wear when riding a bicycle and why?
2. Why are helmets important when riding a bike?
3. When walking on a roadway, what rules do you need to know and follow to be safe?
4. When riding a bicycle, what rules should you follow?