

## Teacher Lesson Plan

**Content Area(s)/Course/Grade:**

5<sup>th</sup> to 8<sup>th</sup> Grade

**Unit:**

Virtual Reality Video

**Lesson Topic:**

Bicycle Safety

**Date:**

**Teacher:**

**School:**

**Lesson Objective(s):**

By the end of this unit, students will learn the importance of helmet use, traffic laws and safety rules associated with right-of-way when crossing a street or intersection.

**Material(s):**

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

Texas Transportation Code (<https://statutes.capitol.texas.gov/Docs/TN/htm/TN.551.htm>)

Team Activity Bicycle Safety Worksheets

Bicycle Game Worksheet

Answer Key

**Instructions**

1. Review the Texas Transportation Code
2. Play the VR game using the computer/VR device (available online at: <https://harleyandhobbitroadsafety.com/game/>)
3. Divide students into small teams of 2-4.
4. The teams should now complete the Team Activity Bicycle Safety worksheets using their notes and the Texas Transportation Code (available online at: <https://statutes.capitol.texas.gov/Docs/TN/htm/TN.551.htm>).
5. Provide each team with the Team Activity worksheets and Bicycle Game worksheet. Each team will now need to devise questions about bicycle safety, and then write the corresponding answer below it. 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 the 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 the 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 review the VR game, 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 the 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 riding a bicycle on a roadway, what rules do you need to know and follow to be safe?
4. How do you decide whether to ride your bicycle on the roadway or sidewalk?
5. How do you decide if you should dismount/get off your bike and walk beside it instead?