

The STEM Bike

GRADES 6-8

Elaborate

1. What were some constraints of the first bicycles? Why do you think cyclists/riders felt they needed to make a change?
2. How has the structure of the bicycle changed over time? What drove this change?
3. How have the materials and shape of the bicycle changed over time? How do you think these advancements impacted cyclists/riders?
4. What was the purpose of this article? Provide evidence from the text to support your claim.
5. Do you think there will be future changes to the bicycle? If so, what changes do you foresee being made and why?

Name: _____

Class: _____

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Evaluate

Complete the following criteria and constraint table using information from the article and classroom discussion.

Criteria	Constraints