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| Name: | **[insert name]** | Period: | **[insert Period]** | Date: | **[insert date]** |

What’s going on and how can we help?

# Background

Concussions are an example of a traumatic brain injury. In this injury, the brain tissue is damaged when the brain hits the inside of the skull with a high force, essentially bruising the brain.

If an individual suffers a large number of concussions during their lifetime, long term effects including neurodegeneration**,** the progressive loss of structure or function of neurons, may occur. As research continues into concussions and the long-term effects of the injury, there may be a way to prevent neurodegeneration in at risk individuals.

## Identify the Problem

Watch TED-Ed’s [What Happens When you Get a Concussion?](https://www.youtube.com/watch?v=xvjK-4NXRsM) (until 2:42) and answer the questions below.

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| **Question/Prompt** | **Your Response** |
| 1. What is the problem introduced in the video? |  |
| 1. Brainstorm some ways that we can work to solve this problem. These can be technological, social, or anything you can think of. |  |