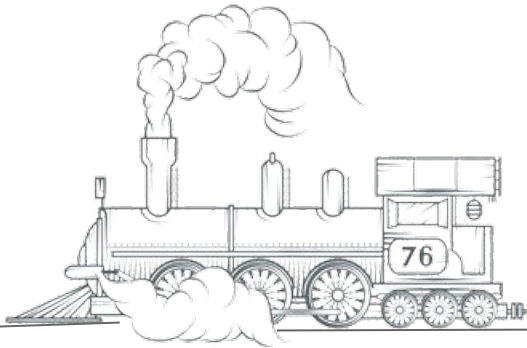


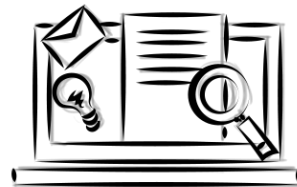
Track-A-Thon



Safety issues faced at railroad crossings or train tracks

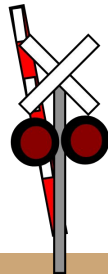
There are many safety hazards when near railroads. Some examples include:

1. There will not always warning signs installed, especially in rural areas.
2. Ominous warning signs or signals could mean they have been in low maintenance and not functioning correctly as they should.
3. Operator carelessness, could include redundant speeding, or being distracted.
4. There may be obstacles, like tree branches or something blocking the driver's view.
5. Defective train tracks or train parts, where the brakes could not function correctly, or the tracks broke.
6. Miscommunication, when the operator does not give a signal of their near arrival.



-Railroad Crossing Tips-

- When an individual approaches railroad crossings, they must ensure they know there is enough space to cross through safely.
- **ALWAYS** look at both sides like someone does when crossing a road.
- **NEVER** drive through lowered gates; a train is faster than it appears.
- **NEVER** ignore any active warning signals.



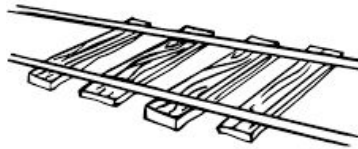
Why is railroad crossing important to me and the community?

There are nearly 600+ deaths yearly due to train-related accidents. It has increased up to 20% as of 2021. Our goal is to minimize that rating drastically. Although it may have been an impulsive decision, it should not determine the person's time or future.



-My Innovation-

There could be a different type of sensor on the rails, Approximately 1 mile to ½ mile away from the train gates, where it will send a signal to this virtual warning sign. The virtual sign can include how far the train is, and the speed which it is travels, so that passengers can be more aware of the danger. In addition, it could have emergency numbers on display in case a vehicle stalls on the tracks or any possible mishap.



Citations and References

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Thank you for your time!

By: Maria Diaz
Young Women's Leadership Academy

