



**Pradyumna Pal, class 9, Saraswati Shishu Vidya Mandir, Bhubaneswar, Odisha**

It is the kindness of the people around him that makes Pradyumna pass it on to the people he meets, through his innovations. “I find that people around me are always helpful. Once, when my bicycle was damaged, my friends got it repaired and even paid the bill. I am grateful to have such people around me and it keeps me motivated to do good things for others,” says Pradyumna, who is the son of a driver.

Pradyumna likes to play football and keeps himself updated with daily news through newspapers. He is a vegetarian and is particularly fond of dairy products. He aspires to become a doctor when he grows up.



**Rahul Kumar, class 9, Rajkiya Balak Uchh Madhyamik Vidyalaya, Patna, Bihar**

Fascinated by how machines work, Rahul aspires to become a mechanical engineer when he grows up. “I keep thinking about ideas that are likely to help people in some way or the other. My hobby is to keep innovating,” says Rahul, whose father is a vegetable vendor.

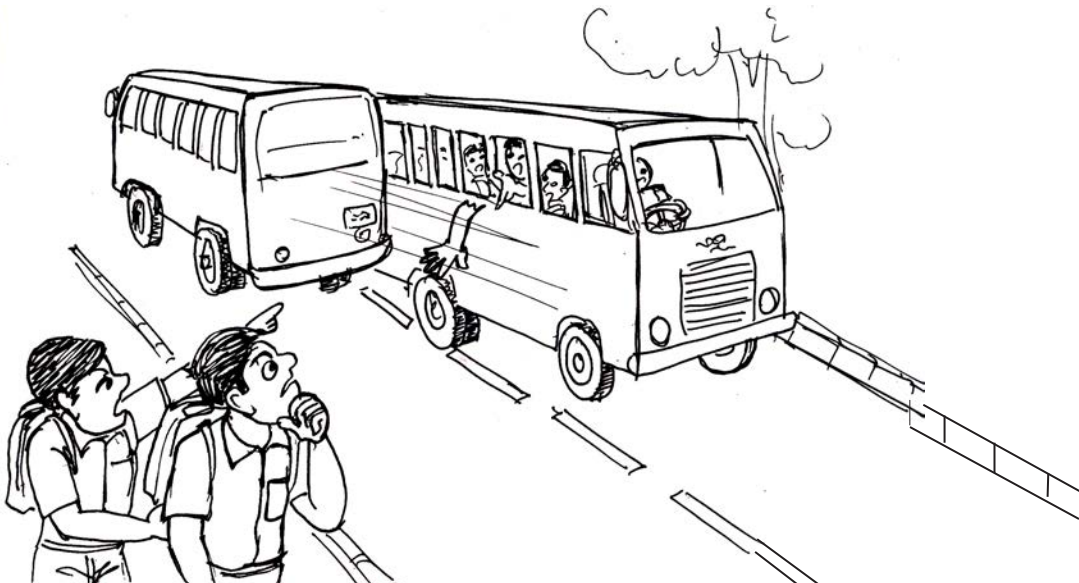
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# Alerting system for bus drivers

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Pradyumna Pal, class 9, Saraswati Shishu Vidya Mandir,  
Bhubaneswar, Odisha | Rahul Kumar, class 9, Rajkiya  
Balak Uchh Madhyarnik Vidyalaya, Patna, Bihar

Accidents occur when  
a passenger extends  
his body outside the  
bus window



Pradyumna and Rahul have independently conceived an idea of an alerting system for the bus driver, which enables him to know which passenger has put his hand or head outside the bus window.

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Pained by the number of accidents due to children putting their heads or hands outside the window of moving vehicles, Pradyumna and Rahul have suggested a solution. Their idea is to send a signal to the bus driver as soon as a passenger puts their hand or head outside the window, so that the ignition does not start and accidents may be avoided.

