

To be handed into the school office or to Mrs Misiukanis (Y4) by Friday  
27th February 2026.

Your name: \_\_\_\_\_

Your year group: Y \_\_\_\_\_

What is your design called?  
\_\_\_\_\_

Draw a picture of your design below or on another piece of A4 paper.  
Label the different parts to show what they are made of and what they do.



Rivelin Primary School  
Morley Street  
Sheffield  
S6 2PL

Date: \_\_\_\_\_

Leaders Award Primary Engineer  
9 Slater Terrace  
Burnley  
Lancashire  
BB11 1BU

Dear Primary Engineer,

Yours sincerely,

Aged

These two pages are to help you complete your drawing and your letter.  
These do not need to be sent back into school.

**Leaders Award  
Primary Engineer  
9 Slater Terrace  
Burnley  
Lancashire  
BB11 1BU**

**Your address**

**Date**

**Dear Primary Engineer**

**What is your invention?**

**Who does it help?**

**How did you come up with the idea?**

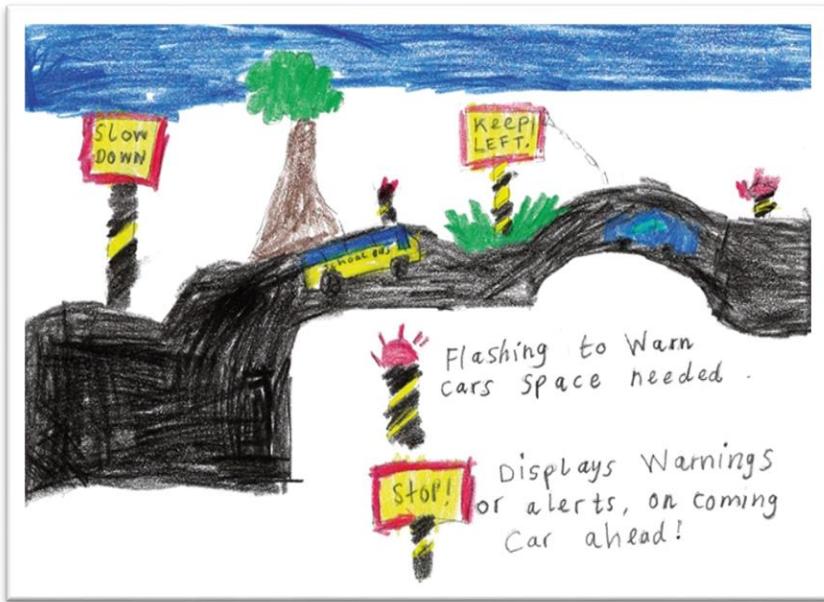
**Why should your invention be made?**

**Who inspired you?**

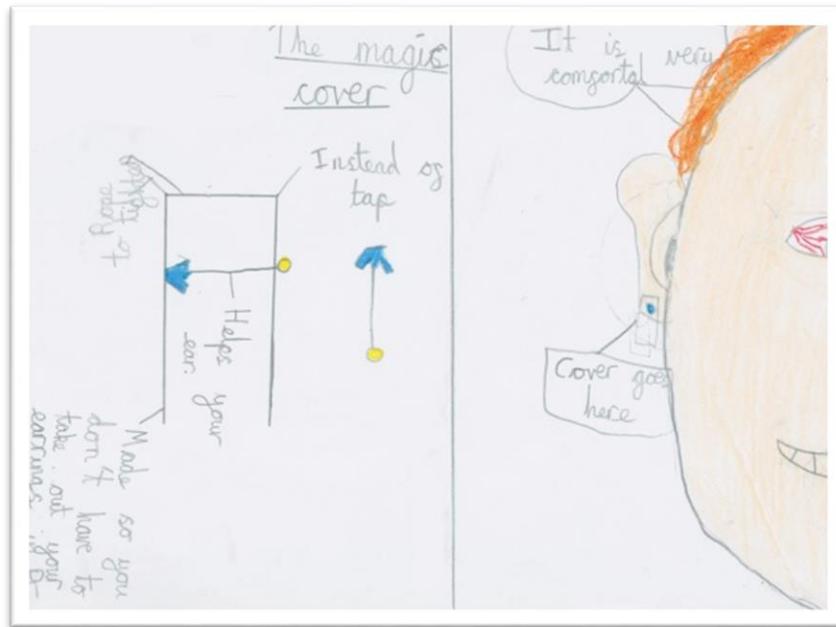
**What type of engineer would make your invention?**

**What would you like to do when you leave school?**

**Yours sincerely**



This is an example from last year. This design is called **Road Flash**. It is a laser flashing light system for small country roads. It helps cars know there's a car or lorry coming near the corners and make them slow down or move into a layby.



This is another example from last year. This design is called **Magic Cover**. It is an earring cover designed so that you do not have to put tape over your earrings if you are doing sports at school. The invention was created to help teachers, children and adults.