



Welcome to Forces and Motion at the Isle of Wight Steam Railway!  
DID YOU KNOW that Forces and Motion are in action everywhere on the railway?

1. Look at the pictures below. What forces are they showing?  
Underline the answer you think is correct.

Science

- KS2L
- Physics
- Forces



Your Name

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Is this engine pulling or pushing the carriages? Is this engine pulling or pushing the carriages?

2. Dusty says: "When you open the steam train door today, are you **pushing** or **pulling**?"



### 4. Cloze Exercise

You \_ \_ \_ the door to get into the train.

The train \_ \_ \_ \_ the carriages.

The train gets \_ \_ \_ \_ as it comes into the next station.

You \_ \_ \_ the door to get off the train.

You \_ \_ \_ the handle to open and close the door.

3. What does the train do when it gets to the end of the line?

### Word Bank

push slower turn pulls faster pull



P G A M T W F G  
 U S R O U G O S  
 L T A T R P R L  
 I E T T N U C O

FASTER  
 FORCE  
 MOTION  
 PULL  
 PUSH



5. Penny says:

"Can you find the words hidden in the wordsearch on the left?"

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S Q Y T R A I N  
 TURN

Can you find Basil mouse?



6. How many mice can you count on this page?

Join the dots to draw the steam engine!

