


# Forces and Magnets

## Learning Objective:

To explore what forces are and notice that some forces need contact between two objects.





What is a  
force?

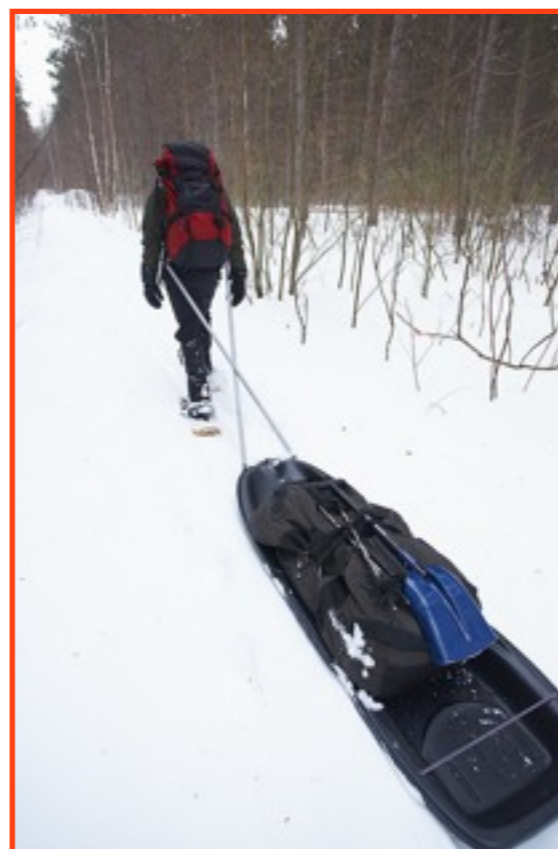
A force is a push or a pull on an object. A force needs two objects where one pushes or pulls the other to make it move. We use forces all the time to move things and to make ourselves move.



Have a look at the pictures on the next slides. Which show pushes and which show pulls? Which two things are touching in each picture to create a movement?



Which pictures are showing pushes and which are showing pulls?



Which two things are touching in each picture to create movement?





Can you explain how pushes and pulls work to make a swing move? Which direction do the forces act in?





Can you explain why this cart is moving? What forces are there? What is in contact to create a movement?





What forces are in action when you open a can of drink? What is in contact to create movement? Which direction are the forces acting in?





Which forces would you use to open and close a door? What needs to be in contact to create movement?

