

Chapter 5-  
Newton's Third Law

For every force or action, there is an equal but opposite force or reaction.

The action and reaction act on different objects.

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**Action = Reaction**  
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I stand on the ground.

The force which I exert on the ground is equal and opposite in direction to the force which the ground exerts on me

**Force is an INTERACTION BETWEEN TWO OBJECTS!**

Read Page 76.

Many people would say that the force on the cannon ball is greater than the force on the cannon itself.

What observation would make them say that?

How would you explain that they are wrong?

Do action and reaction forces cancel?

Read page 78.

Read the comic on page 81

Explain.

Explain what you have to do in order to walk forward.

(This may not be as easy as you think!)

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