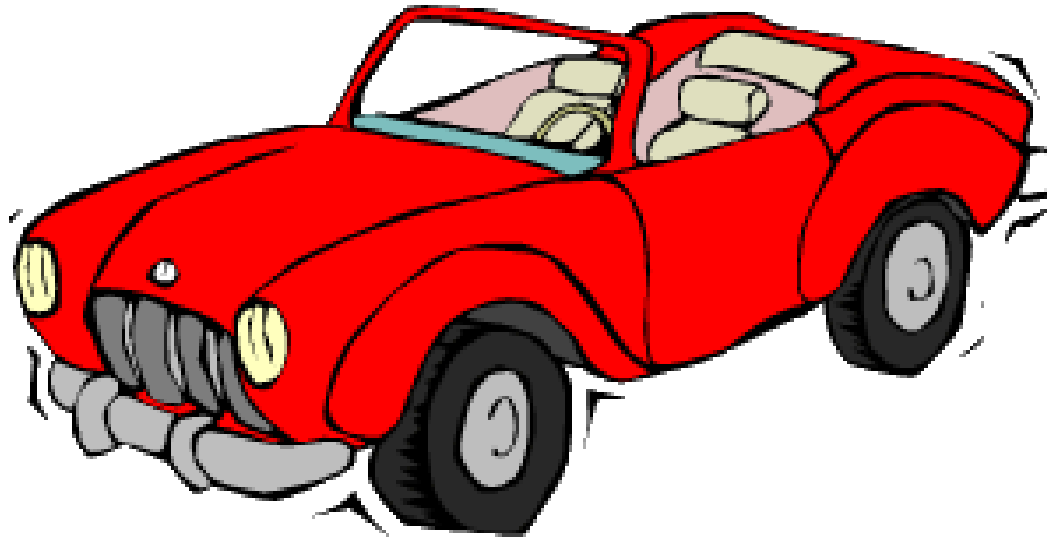


Potential and Kinetic Energy

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S8P2: Students will be familiar with the forms and transformations of energy: (b) Explain the relationship between potential and kinetic energy



Potential Energy is energy that is stored in an object but is not being used.



An object that is not moving has **potential** energy.



Kinetic energy is the energy of motion.



An object that is in movement has **kinetic** energy.



Potential energy can change into **kinetic** energy

Worksheet

Example

Joe throws the football across the field.



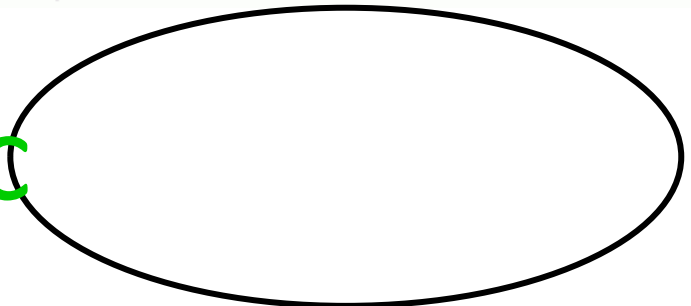
Potential Kinetic

Example

Joe throws the football across the field.



Potential Kinetic



Question 1

Sam stands with his arms on his waist.



PotentialKinetic

Question 2

John is scared of the rollercoaster moving fast.



Potential Kinetic

Question 3

The pencil sits on Katie's desk.



PotentialKinetic

Question 4

Sara holds the soccer ball in her hand.



Potential Kinetic

Question 5

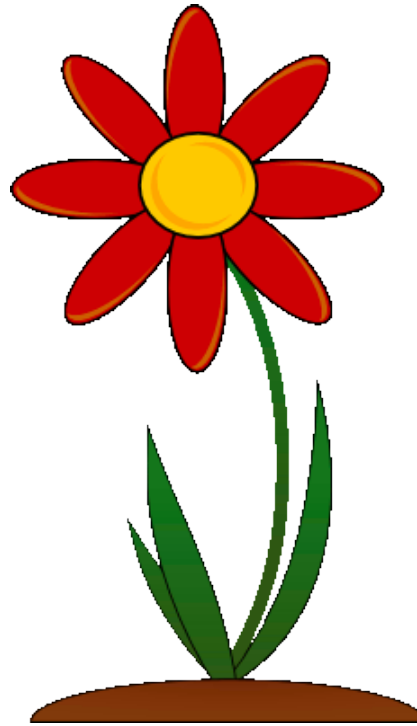
The bee flies through the air.



Potential Kinetic

Question 6

The red flower blows in the wind.



PotentialKinetic

Question 7

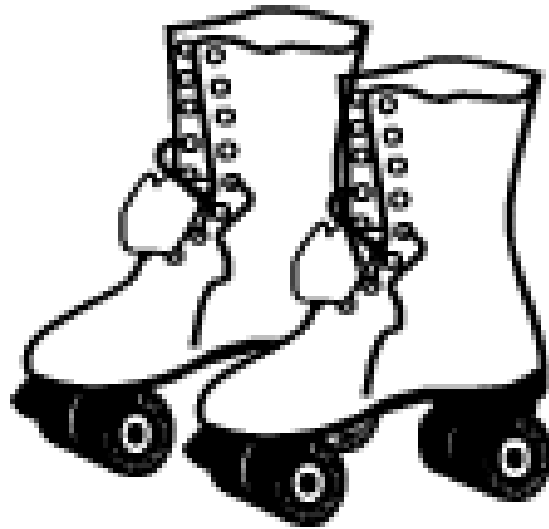
Sally bought a new green car.



Potential Kinetic

Question 8

Tim is skating in his new roller skates.



PotentialKinetic

Question 9

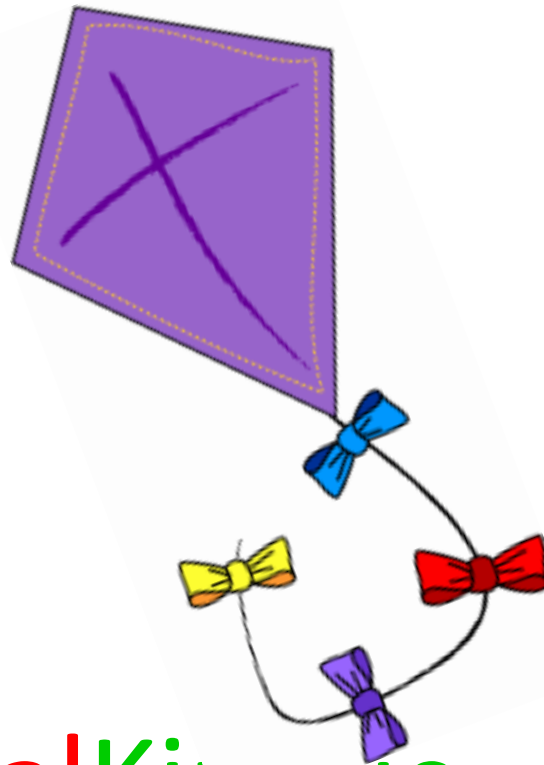
The rocks sit in the middle of the road.



PotentialKinetic

Question 10

The kite flies high in the sky.



Potential Kinetic