

Outcomes and experiences S3 Physics	G	O	R	How do I know I can do this or what can you do to improve your learning in this outcome?
I can explain the principle of conservation of energy as, <i>“Energy is not created or destroyed but is constantly being change from one type into another type”</i>				
I can define work done as being a measure of the energy transferred				
I can define gravitational potential energy as being the work done when an object moves in the vertical direction				
I can define kinetic energy as being the energy present in all moving objects				
I can identify the quantities, and units, represented by the symbols in the formula $E_w = Fd, W = Fd$ $E_p = mgh$ $E_k = \frac{1}{2}mv^2$				
I can carry out calculations using the formula $E_w = Fd, W = Fd$ $E_p = mgh$ $E_k = \frac{1}{2}mv^2$				