Physics Equations Sheet
GCSE Science A / Physics (SCA1, SCA2 and PH1)

$E = m \times c \times \theta$	E energy transferred m mass θ temperature change c specific heat capacity
efficiency = $\dfrac{\text{useful energy out}}{\text{total energy in}}$ ($\times$ 100%)	
efficiency = $\dfrac{\text{useful power out}}{\text{total power in}}$ ($\times$ 100%)	
$E = P \times t$	E energy transferred P power t time
$v = f \times \lambda$	v speed f frequency λ wavelength