

Chapter 9 – Energy, Work and Power

Learning Grid

Energy, Work and Power	Questions	Answers
	Define energy.	
	Define the law of conservation of energy.	
	Define the Newton – include a sentence definition and equation.	
	Define work – include a sentence definition and equation with associated units.	
	Draw a free-body diagram demonstrating work being done on an object.	

Energy, Work and Power	Questions	Answers
	How is work linked to energy?	
	Give five different forms of energy.	
	What is gravitational potential energy? Include its equation and units.	
	What is kinetic energy? Include its equation and units.	
	Define power, including an associated equation and its units.	
	Draw a diagram highlighting the difference in the motion of two cars of differing powers.	