NG L	PHYSICS	
	TOTAL ME	CHANICAL ENERGY
Recall: Ty	pes of Energy	
Gravitationa	I Potential Energy	Kinetic Energy
Quick Exam	ples:	
1. What is the ight of	ne gravitational potenti 25m	al energy of a 2 kg bird flying at a
2. What is the metres pe	he kinetic energy of a 2 er second	2 kg bird flying at a speed of 10

		PHYSICS	
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	Tota	al Mechanical Energy	
	The t ener	The total mechanical energy of an object is the sumation of all the types of energy that an object posesses.	
	Ex:	What is the total mecanical energy of a 2 kg bird flying at a height of 25m at a speed of 10 meters per second	
	Ex:	What is the total mecanical energy of a 1000kg roller coaster travelling at 2 metres per second when its at the top of the first hill that is 30m above the ground	





