Matter and Energy 3	13 🚫 Roe University – All Rights Reserved	Dres	Matter and Energy 3	101 🐼 Roe University - All Rights Reserved
Attract To draw objects nearer. A magnet attracts, or pulls, iron objects toward it.	Magnetism	r a	Attract To draw objects hearer. A magnet attracts, or pulls, iron objects toward it.	Magnetism
Repel	Electrical Current		Repel	Electrical Current
To push away. If the same pole of two magnets are placed near each other they will push away (repel),	The flow of electrons from a negative charge to a positive charge.	r	To push away. If the same pole of two magnets are placed near each other they will bush away (repel), such away (repel), like poles repel each other	The flow of electrons from a negative charge to a positive charge.
Radiant Heat The energy that radiates out from all hot things, like sunlight or what you see through night vision glasses.	Thermal Energy	r t	Radiant Heat The energy that radiates out from all not things, like sunlight or what you see through night vision glasses.	Thermal Energy Thermal Energy Energy that causes a change in temperature between materials
Conductor	Insulator		Conductor	Insulator
Material that allows electric current	Material that slows down or stops		Material that allows electric current	Material that slows down or stops
or heat energy to flow through easily	electric current or heat from flowing		or heat energy to flow through easily	electric current or heat from flowing
Density	Buoyancy		Density	Buoyancy
Density is the amount of mass in an object.	Buoyancy is a force that causes floating. It is the ability of a liquid or gas to		Density is the amount of mass in an object.	Buoyancy is a force that causes floating. It is the ability of a liquid or gas to
(Density will not change even if the force of gravity changes)	cause less dense objects to float or rise to the surface.		(Density will not change even if the force of gravity changes)	cause less dense objects to float or rise to the surface.