PENIEL 5 / MGC 5

Chapter 1 – Properties of Matter

1.

general properties		Unit of measurement
	Amount of matter of an object	
	Force of gravity o the mass	
	Space that matter occupies	
	How closely packed matter is in the space it occupies	

2. The special properties of matter are:

Choose from the following:
Smell, taste, tecture, color, shape , size , hardness, porosity, brittleness, fluidity, malleability, temperature,elasticity, ductility, compressibility, absorbency, buoyancy, strength

Special property	Description	Example of matter which have this property	Physical or Chemical (P or C)
	Object's physical form, such as round, irregular, square		
	Ability of solids to be hammered into thin sheets or to another shape		
	Ability of materials to float on liquids		
	Ability of liquids and gases to flow		
	The way something feels to the skin, rough, smooth, soft		
	Measure of the coldness or warmth of an object, the presence of lack of heat		
	odor		
	Ability to scratch another object or resist being scratched		
	Tendency of solids to hold liquids like a sponge		
	Ability of gases to be compressed into smaller spaces ---when they are subjected to high pressure		
	Tendency to be broken easily		

	Ability to be hammered into thin wires		
	Related to the light an object absorbs or reflects		
	Ability of matter to return to its original shape after it has been stretched or deformed		
	Property of matter that makes you enjoy what you eat		
	Ability to support weight		
	Ability to let other matter flow through it		

A property of matter may be used to explain why something happens. Which property could be related to the following situations ? There can be more than one answer. P OR C	
	A stone when released falls to the ground
	Paper get wet
	Plastic balls float on water
	Wood burns
	Hot air rises when cold air sinks
	Smell of adobo reached the living room
	Stain from the toilet i removed when muriatic acid is used on it
	A metal is flattened into sheets
	Root of the plant receive water when water is poured on the soil
	Diamonds glow

3. The physical properties of matter can alter the composition of matter.

(True or False) _____

4. The _____properties are those properties which can be determined by altering the composition of matter

	Ability to burn
	Ability to catch fire

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