SAMPLE NATURAL UNIT 5 TEST. MATTER AND MATERIAL.

Name …… Date …….. Class …… Number

1. WHAT IS MATTER? Anything with mass and volume.

2. LABEL THE FOLLOWING THINGS AS MATTER AND NON-MATTER.

OXYGEN: MATTER LIGHT: NON-MATTER

SOUND: NON-MATTER GOLD: MATTER

SAND: MATTER STARS: MATTER

3. COMPLETE THE DEFINITIONS

MASS IS THE AMOUNT OF MATTER IN AN OBJECT.

VOLUME IS THE AMOUNT OF SPACE AN OBJECT OCCUPIES.

4. Say if they are a PURE SUBSTANCE or a MIXTURE.

a)



b)



PURE SUBSTANCE MIXTURE

5. Are these mixtures HOMOGENEOUS or HETEROGENEOUS?

a) PURE WITH BREAD CRUMBS: HETEROGENEOUS

b) BANANA ICE-CREAM: HOMOGENEOUS

c) Salt and water: **HOMOGENEOUS**

d) PAELLA: **HETEROGENEOUS**

e) CHOCOLATE MILKSHAKE: **HOMOGENEOUS**

6. Match the words to the definitions. There are two extra words.

SOLIDIFICATION	COLD	WATER VAPOUR	MELTING
BOILING	CONDENSATION	HEAT	
EVAPORATION			

a) To turn a gas into a liquid: CONDENSATION
b) To turn a liquid into a solid: SOLIDIFICATION
c) To turn a liquid into a gas: EVAPORATION
d) To turn a solid into a liquid: MELTING
e) To turn liquid water into a solid water we use: COLD
f) To turn water vapor into liquid water we use: HEAT

7. Are these materials NATURAL or MAN-MADE?



MAN-MADE MAN-MADE MAN-MADE MAN-MADE

8. What natural materials do you use for…? Use these words. There are two extra words.

ANIMAL SKINS - STONES AND MINERALS - NATURAL FIBRES - COAL,PETROLEUM AND NATURAL GAS - TREE RESIGN - SAND AND MINERALS - WATER

a) To make bags or shoes: ANIMAL SKINS
b) To make glue or rubber: TREE RESIN
c) As a fuel to produce light and heat: COAL, PETROLEUM AND NATURAL GAS.
d) To make clothes: NATURAL FIBRES
e) To make jewellery: STONES AND MINERALS

A solid _____ a fixed shape.