

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.



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**

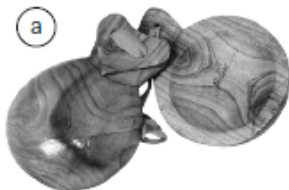
c) To turn a liquid into a gas: **EVAPORATION**

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 RESIN - 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.