MATTER AND MATERIALS

1. Put "G" for general properties and "S" for specific properties.

- [ ] Mass
- [ ] Colour
- [ ] Taste
- [ ] Hardness
- [ ] Density
- [ ] Transparency
- [ ] Volume

2. Fill in the gaps with the correct word.

{ general mass volume matter space substances specific density }

_____ is everything around us that takes up _____ .

Objects are made up of different types of matter called

_____.

Matter has _____ properties that are common to all

matter, like_____ and _____. Matter also has

_____properties that are different for each substance,

like _____ .

Match the columns.

MASS	Amount of space an object occupies.
VOLUME	Amount of matter in an object.

LIVEWORKSHEETS

Complete the sentences with the correct word(s).

Measuring cylinder scales kilograms(kg) or kilos(k)

Litres(l) or millilitres(ml) cubic metres(m3) or cubic centimeters (cm3)

1. We use _____ to measure mass.
2. Mass is measured in _____.
3. We use a _____ to measure volume.
4. The volume of liquids is measured in _____.
5. The volume of solids is measured in _____.

Identify the 3 states of matter.

_____ _____ _____

LIVEWORKSHEETS

Fill in the chart with yes or no.

	FIXED SHAPE	FIXED VOLUME
SOLID		
LIQUID		
GAS		

Complete the sentences with the correct word.

mass volume density mass

_____ is the property that indicates how much _____ is concentrated in an object. It is the relationship between the _____ of an object and its _____.

Match the pictures to their function.

Measure mass

Measure volume

Calculate density

mass ÷volume=

density

LIVEWORKSHEETS

Calculate the density of the objects and answer the questions.

OBJECT A Mass = 80 g Volume = 40 cm3 density = ____

OBJECT B Mass = 40 g Volume = 80 cm3 density = ____

1. Object _____ is denser.
2. Object A will _____ in water because it has a _____ density than water.
3. Object B will _____ in water because it has a _____ density than water.

Find and write 2 general properties and 5 specific properties.

S	H	M	N	U	R	G	M	K	K	D	B	I	H	Z
Q	K	H	R	C	R	K	O	C	N	A	D	E	E	K
V	I	X	I	O	J	V	O	L	U	M	E	H	C	U
B	N	M	H	O	V	E	K	T	E	B	N	W	T	C
D	U	A	K	L	C	C	C	Q	T	A	S	T	E	D
M	L	P	A	X	G	F	H	H	V	K	I	H	U	M
H	A	R	D	N	E	S	S	S	O	Z	T	D	F	N
T	R	A	N	S	P	A	R	E	N	C	Y	M	P	J
B	O	Z	R	Y	X	M	M	T	E	E	N	S	D	K
D	N	B	M	A	S	S	A	H	C	O	L	O	U	R

_____

General properties

_____

_____

Specific properties

_____

_____

_____

_____

_____

_____

LIVEWORKSHEETS