



SCIENCE REVISION PACK
UNIT 1 – HUMANS AND ANIMALS
WHAT HAVE YOU LEARNT?

*Ms Raziya, Ms Celine &
Mr. Mohamed are
wishing you all the best!*

Name: _____

Year 4: _____

Q17. Tick (✓) the correct sentences and cross (✕) the wrong sentences:

- a. Anyone can prescribe medicines. []
- b. Bone marrow helps in making bones. []
- c. An X-ray is a picture that shows where the bone is fractured. []
- d. There are two types of blood cells – Red and white. []
- e. Invertebrates are animals with a backbone. []
- f. Herbivores are animals that eat both plants and animals. []
- g. Nutrition is a life process by which we get rid of waste from our body. []
- h. An example of a reptile is a cat. []

Q18. Fill in the blanks with words from the word box:

- a. A _____ is a place where bones meet.
- b. A backbone is also called a _____.
- c. _____ is the longest bone in the human body.
- d. _____ is the smallest bone in the human body.
- e. _____ is the frame of bones in your body.
- f. When one muscle contracts, the other _____.
- g. _____ and _____ are hinge joints.
- h. _____ are attached to your bones.
- i. _____ and _____ are examples of ball and socket joints.

Skeleton
Muscles
relaxes
Joint
Thigh bone
Spine
Hip joint
Elbow
Shoulder joint
Stirrup
Knee joint

Q19. Tick [✓] the foods that are good for your bones:



☐ Okra



☐ Yoghurt



☐ Crisps



☐ Milk



☐ Kale leaves



☐ Candies



☐ Sardines



☐ Fizzy drinks

UNIT 3 – STATES OF MATTER WHAT HAVE YOU LEARNT?

Q1. Answer the questions below:

a. What is matter?

b. What are the three states of matter?

c. What are the properties of a solid?

☐ They have fixed shape. ☐ They do not have fixed shape.

☐ They have fixed volume. ☐ They do not have fixed volume.

The particles are ☐ tightly ☐ closely ☐ loosely packed.

The particles can ☐ vibrate ☐ move a little bit ☐ move in all directions.



d. What are the properties of a liquid?

- ☐ They have fixed shape. ☐ They do not have fixed shape.
☐ They have fixed volume. ☐ They do not have fixed volume.

The particles are ☐ tightly ☐ closely ☐ loosely packed.

The particles can ☐ vibrate ☐ move a little bit ☐ move in all directions.

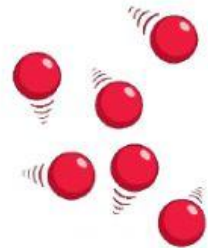


e. What are the properties of a gas?

- ☐ They have fixed shape. ☐ They do not have fixed shape.
☐ They have fixed volume. ☐ They do not have fixed volume.

The particles are ☐ tightly ☐ closely ☐ loosely packed.

The particles can ☐ vibrate ☐ move a little bit ☐ move in all directions.



Q2. Tell whether each is a solid, liquid, or gas.

Milk		Oil	
Cookie		Carbon dioxide	
Oxygen		Ice cube	
Pencil		Water vapour	
Shampoo		Helium	

Q3. Tick [✓] the properties that a plastic bottle has:

- | | | |
|--------------------------------|-------------------------------------|--------------------------------------|
| <input type="checkbox"/> Shiny | <input type="checkbox"/> Waterproof | <input type="checkbox"/> Opaque |
| <input type="checkbox"/> Dull | <input type="checkbox"/> Hard | <input type="checkbox"/> Magnetic |
| <input type="checkbox"/> Soft | <input type="checkbox"/> Flexible | <input type="checkbox"/> Transparent |



Q3. Adam and Ethan are in Class 4. They carried out a fair test to find out which liquid is the runniest. They timed different liquids as the liquids travelled from the top to the bottom of a metal tray.
Use their bar chart below to answer these questions.

a Which liquid is the runniest? Why? _____

b Which liquid took 35 seconds to travel down the tray? _____

c How fast did the shampoo travel? _____

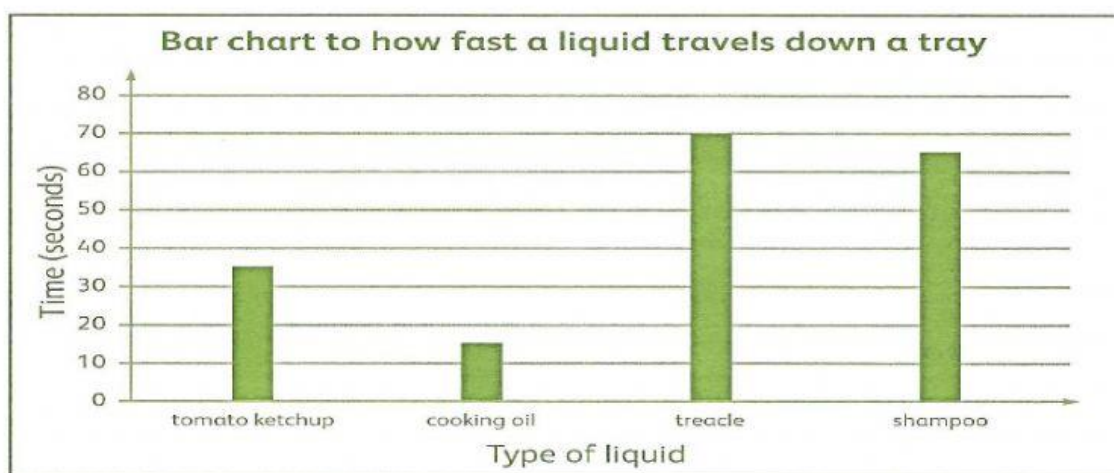
d Write down the liquids in order of how runny they are. Start with 'most runny'. End with 'least runny'.

Most runny 1 _____

2 _____

3 _____

Least runny 4 _____

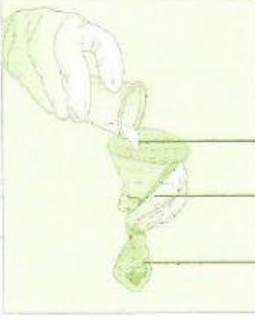
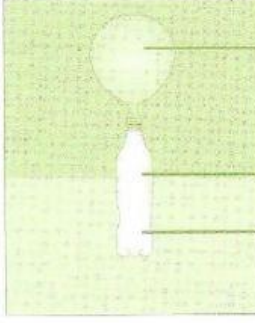
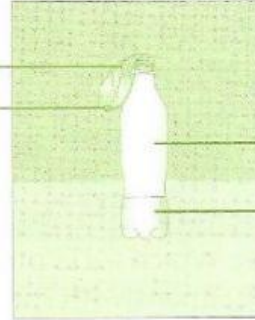


Q5. Which sentences are true and which are false?

Tick to show the correct answers.

Sentence	True	False
a A solid never keeps its shape.		
b A liquid can be poured easily.		
c A liquid is very easy to hold.		
d Liquids cannot change their shape.		
e Gases are usually invisible – we cannot see them.		
f Gases do not move around and fill up spaces.		

Q6. Number the sentences to show the steps to making a gas:

[]	 <p>sodium bicarbonate funnel balloon</p>	<p>Pour sodium bicarbonate into the balloon.</p>
[]	 <p>balloon bottle sodium bicarbonate and vinegar</p>	<p>A gas is produced which makes the balloon expand.</p>
[]	 <p>balloon sodium bicarbonate bottle vinegar</p>	<p>Put the balloon on top of the bottle.</p>

Q7. Fill in the blanks using words from the word box:

Reversible Liquid Heated Cools Solid Melt Solidified

When some materials are heated, they _____ (become _____)

For materials to melt they must be _____. As they cool down again, they become _____. We say that the liquid has _____. This is called a _____ change. The solid melts and then _____ down and is changed back again to a solid.

🌸🌸 All the best! 🌸🌸