



RAINBOW INTERNATIONAL SCHOOL,
RIYADH, SAUDI ARABIA

GRADE 6- SCIENCE

Revision Sheet

UNIT 1..... Humans and Animals

Lesson 1.1; Body Organs

1. Name the following;

The organ found;

- i) in the head: _____
- ii) in the chest: _____
- iii) organ found as pairs: _____

1.2 The heart;

1. Name the following;

- a) The main organ of the circulatory system: _____
- b) Part of the heart with oxygen rich blood; _____

2. Fill in the blanks;

All animals used to _____ materials around. This is the job of the _____ system. The circulatory system consists of a liquid called _____ and a pump called the _____ and a series of vessels called the _____.

1.3.Heart beat and pulse



1. Answer the following;

a) What is a pulse?

b) Name two parts of your body where you can feel your pulse.

c) Name two factors that make your pulse rate change

2. Explain how you can measure your pulse.

1.4..The lungs and breathing

1. Fill in the blanks;

When we breathe-in, our chest_____. This
causes to rush into our_____. When we
breathe out chest gets_____and air rush out



of our lungs.

2. Answer the following;

a) What is the role of the lungs in the human body?

b) Name the group of bones that protect the lungs.

c) Why do you think we breathe faster while we exercise?

1.5 The digestive system

1. Fill in the blanks;

All animals need to eat _____ to
get _____ to live. But in order to use this food,
they have to break it down in a process called
_____.

And so all animals have a group of connected organs called the
_____.

In humans, the process of digestion begins in the _____
where food is _____ into small pieces by the teeth.

The _____ makes the food slippery, so that it is easier



to _____. The food travels down the _____ and into the _____. In the _____ the food is mixed with _____ and digested more. After spending sometime in the stomach, the food is sent to the _____ where it is _____ into finer particles and the nutrients are moved into the _____. The undigested food will be pushed out of the _____.

1.6...what do the kidneys do?

1. Fill in the blanks;

Your kidneys are _____ organs, just below the _____.

Kidneys work as a _____ that filter your waste products from your _____ and produce _____.

This process is called _____. Every day, our blood passes through the kidneys about _____ times to produce _____ 1.5 litres of urine.

2. Answer the following;

i) a) What is excretion?

b) Name the excretory organs of humans?

c) what is the purpose of excretory system?

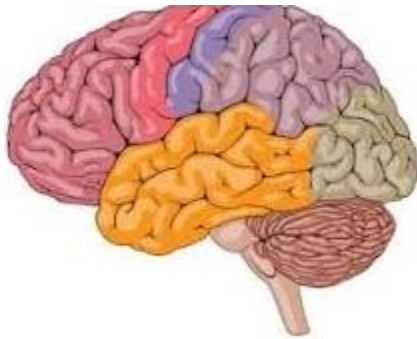
ii) a) Explain the function of kidneys in human body.

b) What are the three things doctors can do if the kidneys don't work?

iii) a) What is dialysis?

1.7.What does the brain do?

1. Observe the diagram below and label the parts.



a) Name the three parts of the brain

b) Name the largest part of the brain

c) Name the parts of the brain that control

i) Walking: _____

ii) Memory: _____

iii) Breathing: _____

iv) Swimming: _____

v) Talking: _____

iv) Controls balance: _____

2. Fill in the blanks;

The _____ is a soft wrinkly organ inside your
_____. The brain is connected to all parts of the body
by _____. Nerves send _____ to and
from the _____. The brain and the nerves together form



the _____.

UNIT 2 – Living things in the environment

2.1, 2.2- Food chains in the local habitat

1. Fill in the blanks;

i) Every organism must have _____ - to survive.

ii) Organisms get their energy from their

iii) A _____ shows the feeding relationships
between organisms

iv) Plants are called _____ and animals are called

v) Plants absorb energy from the sunlight through

vi) A food chain always begin with the _____

vii) _____, _____
_____ are the three factors plants use for
photosynthesis.

viii) _____, _____ are the
products of photosynthesis.



- ix) A group of organisms of the same kind _____
- x) A _____ is a living thing that makes its own food
- xi) A _____ is a living thing that depends upon other organisms for their food.

1.4 Food chains in different habitat

1. Answer the following;

- a) What travels through a food chain?

- b) What is the source of energy for all life on earth?

- c) What are producers of an ocean habitat?

2.5 Deforestation

A. Write the following;

- 1. What is deforestation?



2. How does the deforestation affect the habitat of animals?

3. What are the main reasons for deforestation?

4. a) Name the greenhouse gas.

b) What happens when the green house gases build up in the air?

5. Why are forests so important?

2.6Air pollution

A. Name the following;

1. Main two gases of the atmosphere;

_____ & _____

2. A poisonous gas given off from vehicles



3. A substance that causes pollution

4. Two diseases caused by air pollution

5. Three types of energy that causes less pollution

6. Two harmful gases produced by burning of coal and oil

B. Answer the following;

1. a) what are the causes of air pollution?

b) Explain some harmful effects of air pollution.

2.7 Acid Rain

1. Answer the following

1. How does acid rain form?

2. What are the gases that cause acid rain?

3. Why is acid rain dangerous?

4. How do you stop acid rain?

Chapter 3

Material Changes

1. Answer the following;
 - a) Circle the items below that have an irreversible change
 - i) Melted chocolate
 - ii) Cooked egg
 - iii) Ice to water
 - iv) Water salt solution
2. Are these changes reversible or not?

- a) Sawing of a wood piece
 - b) Melting of ice candy
 - c) Dissolving sugar in water
 - d) Cooking of food
 - e) Ripening of mango
 - f) Souring of milk
3. Explain the difference between reversible and irreversible reactions with examples.

3.2 mixing and separating solids

1. Fill in the blanks;

- i) A _____ is made up of two or more substances
- ii) Mixtures that are not _____ joined can separate.
- iii) _____ is a mixture of gases
- iv) A _____ can be used to separate mixtures of different sizes.
- v) The substances in a mixture do not _____ with each other.
- vi) Some solid mixtures can be separated by _____ and _____.

2. Explain the method that can be used for separating the following mixture;

- a) A mixture of rice and salt _____



- b) A mixture of wheat and sugar_____
- c) Separating stones from wheat_____

3.3.Soluble and insoluble substances

1. Sort the objects below by whether they are soluble or insoluble

Oil, sugar, salt, sand, powdered drink, rice

2. What does soluble mean?

3. What does insoluble mean?

4. What is a suspension? Give example.

3.4..Separating insoluble substances

1. Fill in the blanks;



- a) _____ is a method used to separate mixtures of
a _____ and _____
- b) A _____ work as a sieve

3.5 Solutions

1. Fill in the blanks;

- a) A solution is made up of a _____
dissolve in a _____
- b) A soluble substance forms a _____
- c) The substance that dissolves is called _____ and
liquid is called _____
- d) Sea water is an example of _____.
_____ is the solute and _____
is the solvent.

2. Solution- Is it a mixture or a pure substance- Explain.



3.6.How can we make solids dissolve faster?

Answer the following;

a) What two things have to be done to make solids dissolve faster?
