



Questions

Lesson One

1- Choose the correct answer :-

1- A is a piece of metal that attracts iron and steel.

- a) compass b) magnet c) pole

2- The magnet has two

- a) shapes b) direction c) poles

3- The north pole points to the direction.

- a) south b) north c) east

4- The north pole the north pole.

- a) repels b) attracts c) differs

5- The needle magnet is one of the of magnet.

- a) poles b) substances c) shapes

6- The magnet attracts things.

- a) copper b) iron c) aluminum

7- are attracted to the magnet.





Science

- a) Non magnetic substances
- b) Plastic
- c) Magnetic substances

8- The force of the magnet through non magnetic substances.

- a) passes
- b) attracts
- c) doesn't passes

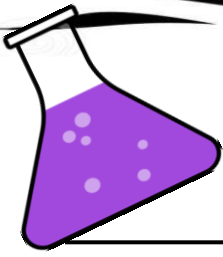
2- Put (✓) or (x): -

- 1- Different poles of magnet attract each other. ()
- 2- A magnet has three poles. ()
- 3- Iron is a magnetic substance. ()

3- Complete:-

- 1- is a piece of metal that attracts iron and steel.
- 2- The magnet has two
- 3- The north pole the north pole, the south pole
..... the south pole.
- 4- The magnet attracts materials .





Science

4- Write scientific term:-

- 1- Materials are attracted to the magnet. (.....)
- 2- Materials are not attracted to the magnet. (.....)
- 3- It is a piece of metal that attracts iron & steel. (.....)

5- Give reason for:-

- 1- Iron is attracted to magnet.
.....
- 2- Plastic doesn't attract to magnet.
.....





Lesson two

1- Choose the correct answer :-

1- Types of electricity are

- a) static b) static and dynamic c) current

2- electricity is generated by the friction of two bodies against each other.

- a) Dynamic b) Static c) Dynamic and static

3- Electricity is used to operate equipment's like

- a) heater, lamps, and irons.
b) ships and boats.
c) planes and kites

4- is generated in large stations and is transmitted through wires.

- a) Static electricity b) Dynamic electricity c) Batteries

5- By rubbing a plastic ruler against a piece of wool it gains a small amount of

- a) heat b) electricity c) sound





Science

2- Put (✓) or (x): -

- 1- Dynamic electricity is generated by rubbing two bodies against each other. ()
- 2- We don't get the electricity from batteries. ()
- 3- Static electricity can be generated by rubbing plastic against a piece of wool. ()
- 4- Batteries have dynamic electricity. ()
- 5- Static electricity is transmitted through wires to houses and factories. ()

3- Write scientific term:-

- 1- It is a type of electricity that is used to operate machines.
(.....)
- 2- It is a type of electricity which is generated by the friction of two bodies.
(.....)





Unit Three

Lesson: Mass and Volume

1- Choose the correct:-

1- Mass is the of matter that a body contains.

- a) number b) quantity c) volume

2-is a unit of mass.

- a) Meter b) Litre c) Kilogram

3- Volume is measured by a

- a) balance b) graduated cylinder c) litre

4- is a unit of volume.

- a) Liter b) Metre c) Gram

5- Mass is measured by

- a) graduated cylinder b) centimetres c) weighting scales

6- Volume is the part of occupied by a certain body.

- a) width b) space c) length





Science

7- One litre is

- a) 100 centimetres
- b) 1000 centimetres
- c) 1000 cubic centimetres

8- Graduated cylinder is used to measure

- a) mass
- b) volume
- c) length

9- One kilogram equals grams.

- a) 10
- b) 100
- c) 1000

10- is a tool used for measuring the mass of matter.

- a) graduated cylinder
- b) balance scales
- c) ruler

2- Choose from column (B) what suits in column (A):-

(A)	(B)
1- The litre .	a) is a unit used in measuring the mass of objects.
2- Kilogram	b) is used to measure the mass of object.
3- Measuring cylinder	c) is a unit used to measure the volume.
4- Digital scales	d) is used in measuring the volume.
	e) the unit used to measure the length.





Science

3- Put (√) or (x): -

- 1- Volume is the amount of the matter that the object contains. ()
- 2- Graduated ruler is one of the measuring units of mass. ()
- 3- Gram unit is used to measure the volume of objects, while kilogram is used to measure the mass of objects. ()
- 4- Balance scales is the measuring unit of mass. ()
- 5- One kilogram = 1000 grams. ()
- 6- Cubic centimeter is used for measuring the volume. ()

4- Write scientific term:-

- 1- The amount of matter that the object contains. (.....)
- 2- The space that is occupied by the object. (.....)
- 3- A unit used to measure the masses. (.....)

5- Complete:-

- 1-is the amount of matter that the object contains.
- 2- Oxygen gas occupies a space, so it has a
- 3-is a tool used to measure the mass of vegetables.
- 4- Gram is the measuring unit of





Science

5-is the tool that is used to measure the volume of orange juice.

6- The units of measuring the volume of body areand

7-is the tool that is used to measure the mass of vegetables.

6- Give reason for each of the following:-

1- The car has a volume.

.....

7- Mention one use of each of the following:-

1- Balance scales.

.....

2- Graduated cylinder.

.....





Lesson: What is matter

1- Choose the correct:-

1- Matter has states.

a) 3

b) 2

c) 4

2- Oxygen is a matter.

a) solid

b) liquid

c) gas

3- Oil is a State.

a) solid

b) liquid

c) gas

4- Matter is any thing has

a) mass and volume

b) mass only

c) volume only

5- Gases have

a) volume only

b) mass and volume

c) mass only

6- Coins are state.

a) solid

b) liquid

c) gas

2- Write scientific term:-

1- It's anything that has mass and volume. (.....)





Science

3- Give reason for:-

1- Air is a matter.

.....

2- Tea is a matter.

.....

4- Put (✓) or (x): -

1- Apples have mass and volume. ()

2- Carbon dioxide is found in a liquid state. ()

3- Iron is an example of solids. ()

4- A matter has two states. ()

5- Air has volume only. ()

6- Water vapor is a liquid. ()

7- Glass is a matter. ()

5- Complete:-

1- Matter hasand

2- States of matter are,and

3- Milk is astate.





Lesson Shapes and volume of substances

1- Choose the correct:-

1- A has a fixed shape and volume.

- a) solid b) liquid c) gas

2- Gases have changeable

- a) shapes b) volumes c) shape and volumes

3- It has changeable shape only. It is a

- a) solid b) liquid c) gas

4- It doesn't take the shape of its container. It is a

- a) solid b) liquid c) gas

5- Milk has a changeable

- a) shape b) volume c) shape and volume

6- A stone has a shape and volume.

- a) changeable b) fixed c) long

7- Air has a changeable

- a) volume b) shape c) shape and volume





Science

2- Give reasons for:-

1- Gold is a solid.

.....

2- Milk is a liquid.

.....

3- Air is a gaseous matter.

.....

3- Write scientific term :-

1- The state of matter that has fixed shape and volume (.....)

2- The state of matter that has changeable shape and fixed (definite) volume.
(.....).

4- Complete:-

1- Iron has fixedand

2- Oil has changeableand fixed

3- Carbon dioxide has changeableand

4- Solids and liquids have fixed

5-andare similar in having changeable shapes.

6- In thematter, the volume and shape don't change.

7- Matter that takes the shape of its container, but its volume doesn't
change is





Lesson
The sun and stars

1- Choose the correct:-

- 1- The outer space is full of small dots, they are called
 - a) suns
 - b) stars
 - c) moons
- 2- The stars are in size but they appear smaller.
 - a) small
 - b) big
 - c) very small
- 3- The sun is a sized star.
 - a) medium
 - b) small
 - c) big
- 4- The stars produce
 - a) heat
 - b) light
 - c) light and heat
- 5- The sun is made of
 - a) burning gases
 - b) gases
 - c) cold gases

2- Give reasons for:-

- 1- The stars appear smaller.
.....
- 2- The sun is a star.
.....

3- Write scientific term:-

- 1- The small dots that light the sky. (.....)
- 2- Medium – sized star that made of burning gases. (.....)





Unit Four Lesson Stars and planets

1- Choose the correct:-

- 1- The self shining bodies that emit light and heat are called
a) planets b) stars c) moons
- 2- The dark bodies that rotate around the sun are called
a) moons b) sun c) planets
- 3- don't produce heat or light but they reflect the sun light.
a) planets b) stars c) sun
- 4- There are millions of them in the space. They are called
a) moons b) stars c) planets
- 5- There are planets.
a) eight b) nine c) seven

2- Write scientific term:-

- 1- They are self shining bodies that emit heat and light. (.....)
- 2- They are dark bodies and they rotate around the sun. (.....)

3- Complete:

- 1- Stars are shining bodies, butare dark bodies.
- 2- Stars produceand
- 3- Number of stars is





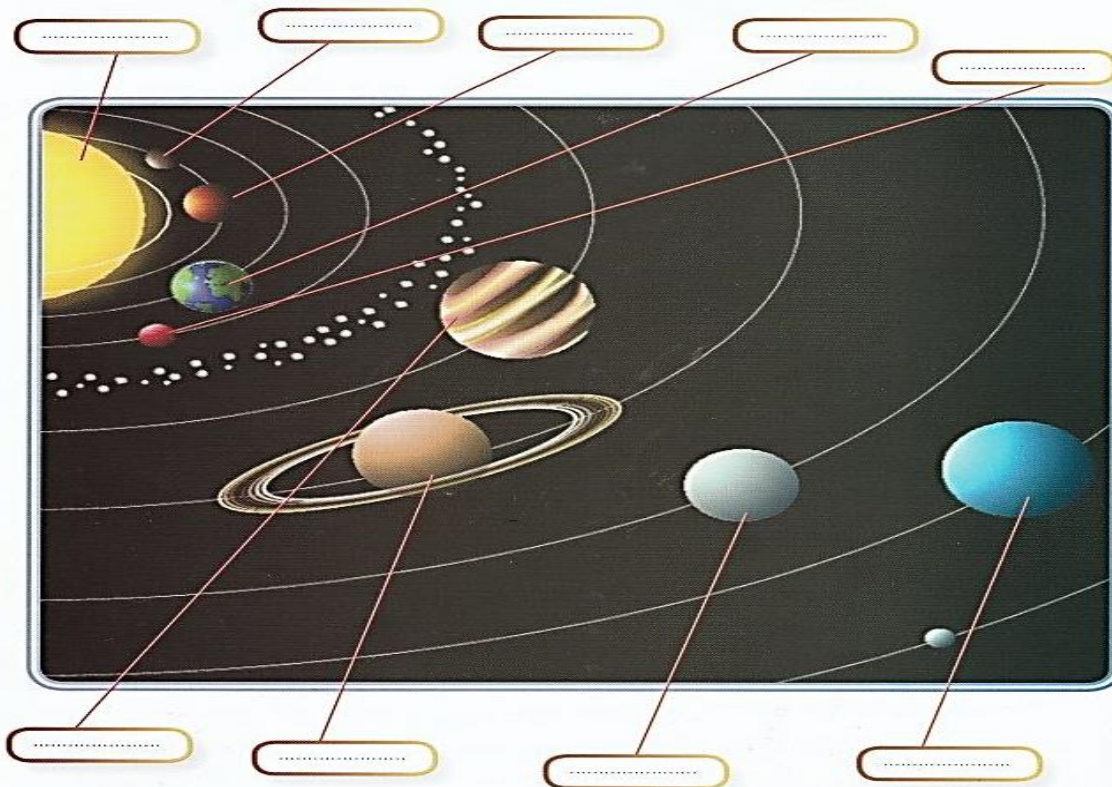
LESSON 3

The solar system

Complete:

- 1- The solar system is the sun and plants.
- 2- The eight planets revolve around the
- 3- The earth rotates around the sun one time per
- 4- The third planet nearest to the sun is the
- 5- The farthest planet from the sun is
- 6- The biggest body in the solar system is
- 7- The seventh planet nearest to the sun is

Label the solar system:





Science

* write scientific term :-

- (1) The biggest Planet in the solar system (.....) .
- (2) The smallest planet in the solar system (.....).
- (3) The Sun and eight planet which revolve around it
(.....) .
- (4) The biggest body in the solar system (.....) .

* Choose the Correct answer :-

- 1- The fourth planet nearest to the sun is
(mars - earth - Jupiter)
- 2- The Second planet nearest to the sun is
(mercury - Uranus - Saturn)





MODEL EXAM (1)

Complete:-

- 1- The is the major source of heat and light on the earth.
- 2- A is a piece of metal that attracts iron and steel.
- 3- Types of electricity are and

II-Put (✓) or (x):-

- 1- Batteries have dynamic electricity. ()
- 2- A magnet has three poles. ()
- 3- The biggest planet in the solar system is Jupiter. ()
- 4- Volume is measured by a litre. ()
- 5- One kilogram is 100 grams. ()





Science

III-Complete from the box:-

three - solid - fixed - medium - planets

- 1- The dark bodies that rotate around the sun are called
- 2- The sun is a sized star.
- 3- Matter has states.
- 4- Coins are state.
- 5- A stone has a shape and volume.

IV-Choose the correct answer:-

- 1- The smallest planet is
a) mercury b) earth c) Neptune
- 2- The dark bodies that rotate around the sun are called
a) moons b) sun c) planets
- 3- The biggest body in the solar system is
a) jupiter b) the sun c) the earth





Science

- 4- The eight planets revolve around the
- a) moon b) sun c) stars
- 5- The self shining bodies that emit light and heat are called
- a) planets b) stars c) moons

Write the scientific term:-

- 1- They are dark bodies, they don't produce heat or light they are eight. (.....)
- 2- The sun and the eight planets which revolve around it. (.....)
- 3- The farthest planet from the sun .
(.....)
- 4- Has three states solid, liquid, and gas.
(.....)
- 5- A piece of metal that attracts iron and steel.
(.....)





MODEL EXAM (2)

1-Choose the correct answer :-

- 1- There are planets.
a) eight b) nine c) seven
- 2- The force of the magnet through non magnetic substances.
a) passes b) attracts c) doesn't passes
- 3- The magnet attracts things.
a) copper b) iron c) aluminums
- 4- electricity is generated by the friction of two bodes against each other
a) Dynamic
b) Static
c) Dynamic and static.
- 5- is a unit of volume.
a) litre b) metre c) Gram





Science

II-Put (√) or (x):-

- 1- Mass is measured by a balance. ()
- 2- Cubic centimeter is a unit of volume. ()
- 3- Air has mass only. ()
- 4- Iron is an example of solids. ()
- 5- Oil has a fixed shape and volume. ()
- 6- The star is a cold body. ()
- 7- There are nine planets. ()
- 8- The smallest planet is Jupiter. ()
- 9- Planets produce heat and light. ()

III-Complete from the box:-

dark - bigger - rocks - star - once

- 1- The sun is much than the earth.
- 2- At night, it is
- 3- Earth is a big ball of
- 4- The sun is a





Science

IV-write scientific term:-

- 1- It is a burning ball of gases. (.....)
- 2- It is a big ball of rocks. (.....)
- 3- They are 8 and revolve around the sun in an oval orbit. (.....)
- 4- The sun and the eight planets which revolve around it. (.....)
- 5- It is any thing that has mass and volume. (.....)





Answers

Lesson One

Choose the correct answer :-

- 1- A is a piece of metal that attracts iron and steel.
- a) compass b) **magnet** c) pole
- 2- The magnet has two
- a) shapes b) direction c) **poles**
- 3- The north pole points to the direction.
- a) south b) **north** c) east
- 4- The north pole the north pole.
- a) **repels** b) attracts c) differs
- 5- The needle magnet is one of the of magnet.
- a) poles b) substances c) **shapes**
- 6- The magnet attracts things.
- a) Copper b) **iron** c) aluminum





Science

7- are attracted to the magnet.

- a) Non magnetic substances
- b) Plastic
- c) **Magnetic substances**

8- The force of the magnet through non magnetic substances.

- a) **passes**
- b) attracts
- c) doesn't passes

2- Put (✓) or (x): -

- 1- Different poles of magnet attract each other. (✓)
- 2- A magnet has three poles. (x)
- 3- Iron is a magnetic substance. (✓)

3- Complete:-

- 1- **Magnet** is a piece of metal that attracts iron and steel.
- 2- The magnet has two **poles**.
- 3- The north pole **repels** the north pole, the south pole **repels** the south pole.
- 4- The magnet attracts **magnetic** materials .





Science

4- Write scientific term:-

- 1- Materials are attracted to the magnet. (**magnetic substances**)
- 2- Materials are not attracted to the magnet. (**non magnetic substances**)
- 3- It is a piece of metal that attracts iron & steel. (**magnet**)

5- Give reason for:-

- 1- Iron is attracted to magnet.
Because it is magnetic material.
- 2- Plastic doesn't attract to magnet.
Because it is non magnetic material.





Lesson two

1- Choose the correct answer :-

1- Types of electricity are

- a) static b) **static and dynamic** c) current

2- electricity is generated by the friction of two bodies against each other.

- a) Dynamic b) **Static** c) Dynamic and static

3- Electricity is used to operate equipments like

- a) **heater, lamps, and irons.**

b) ships and boats.

c) planes and kites

4- is generated in large stations and is transmitted through wires.

- a) Static electricity b) **Dynamic electricity** c) Batteries

5- By rubbing a plastic ruler against a piece of wool it gains a small amount of

- a) heat b) **electricity** c) sound





Science

2- Put (√) or (x): -

- 1- Dynamic electricity is generated by rubbing two bodies against each other. (x)
- 2- We don't get the electricity from batteries. (x)
- 3- Static electricity can be generated by rubbing plastic against a piece of wool. (√)
- 4- Batteries have dynamic electricity. (√)
- 5- Static electricity is transmitted through wires to houses and factories. (x)

3- Write scientific term:-

- 1- It is a type of electricity that is used to operate machines. (**current (dynamic) electricity**)
- 2- It is a type of electricity which is generated by the friction of two bodies. (**Static electricity**)





Science

7- One litre is

- a) 100 centimetres
- b) 1000 centimetres
- c) **1000 cubic centimetres**

8- Graduated cylinder is used to measure

- a) mass
- b) **volume**
- c) length

9- One kilogram equals grams.

- a) 10
- b) 100
- c) **1000**

10- is a tool used for measuring the mass of matter.

- a) graduated cylinder
- b) **balance scales**
- c) ruler

2- Choose from column (B) what suits in column (A):-

(A)	(B)
1- The litre .	a) is a unit used in measuring the mass of objects.
2- Kilogram	b) is used to measure the mass of object.
3- Measuring cylinder	c) is a unit used to measure the volume.
4- Digital scales	d) is used in measuring the volume.
	e) the unit used to measure the length.





Science

3- Put (✓) or (x): -

- 1- Volume is the amount of the matter that the object contains. (x)
- 2- Graduated ruler is one of the measuring units of mass. (x)
- 3- Gram unit is used to measure the volume of objects, while kilogram is used to measure the mass of objects. (x)
- 4- Balance scales is the measuring unit of mass. (x)
- 5- One kilogram = 1000 grams. (✓)
- 6- Cubic centimeter is used for measuring the volume. (✓)

4- Write scientific term:-

- 1- The amount of matter that the object contains. (mass)
- 2- The space that is occupied by the object. (volume)
- 3- A unit used to measure the masses. (kilogram or gram)

5- Complete:-

- 1- Mass is the amount of matter that the object contains.
- 2- Oxygen gas occupies a space, so it has a volume.
- 3- Kilogram is a tool used to measure the mass of vegetables.
- 4- Gram is the measuring unit of mass.





Science

5- **Graduated cylinder** is the tool that is used to measure the volume of orange juice.

6- The units of measuring the volume of body are **cubic centimeter** and **litre**.

7- **Balance scales** is the tool that is used to measure the mass of vegetables.

6- Give reason for each of the following:-

1- The car has a volume.

Because the car occupies a space.

2- Water is a matter.

Because the water has mass and volume.

7- Mention one use of each of the following:-

1- Balance scales. (**measure the mass**)

2- Graduated cylinder. (**measure the volume**)



Science

3- Give reason for:-

1- Air is a matter.

Because it has mass and volume.

2- Tea is a matter.

Because it has mass and volume.

4- Put (✓) or (x): -

1- Apples have mass and volume. (✓)

2- Carbon dioxide is found in a liquid state. (x)

3- Iron is an example of solids. (✓)

4- A matter has two states. (x)

5- Air has volume only. (x)

6- Water vapor is a liquid. (x)

7- Glass is a matter. (✓)

5- Complete:-

1- Matter has **mass** and **volume** .

2- States of matter are **solid** , **liquid** and **gas** .

3- Milk is a **liquid** state.





Lesson

Shapes and volume of substances

1- Choose the correct:-

1- A has a fixed shape and volume.

- a) **solid** b) liquid c) gas

2- Gases have changeable

- a) shapes b) volumes c) **shape and volumes**

3- It has changeable shape only. It is a

- a) solid b) **liquid** c) gas

4- It doesn't take the shape of its container. It is a

- a) **solid** b) liquid c) gas

5- Milk has a changeable

- a) **shape** b) volume c) shape and volume

6- A stone has a shape and volume.

- a) changeable b) **fixed** c) long

7- Air has a changeable

- a) volume b) shape c) **shape and volume**

2- Give reasons for:-





Science

1- Gold is a solid.

Because it has fixed shape and volume.

2- Milk is a liquid.

Because it has a fixed volume and changeable shape.

3- Air is a gaseous matter.

Because it has changeable shape and volume.

3- Write scientific term :-

1- The state of matter that has fixed shape and volume (**solid**)

2- The state of matter that has changeable shape and fixed volume.
(**liquid**).

4- Complete:-

1- Iron has fixed **shape** and **volume**.

2- Oil has changeable **shape** and fixed **volume**.

3- Carbon dioxide has changeable **shape** and **volume**.

4- Solids and liquids have fixed **volume**.

5- **Liquid** and **gas** are similar in having changeable shapes.

6- In the **solid** matter, the volume and shape don't change.

7- Matter that takes the shape of its container, but its volume doesn't change is **liquid**.





Unit Four Lesson Stars and planets

1- Choose the correct:-

- 1- The self shining bodies that emit light and heat are called
a) planets b) **stars** c) moons
- 2- The dark bodies that rotate around the sun are called
a) moons b) sun c) **planets**
- 3- don't produce heat or light but they reflect the sun light.
a) **planets** b) stars c) sun
- 4- There are millions of them in the space. They are called
a) moons b) **stars** c) planets
- 5- There are planets.
a) **eight** b) nine c) seven

2- Write scientific term:-

- 1- They are self shining bodies that emit heat and light. (**stars**)
- 2- They are dark bodies and they rotate around the sun. (**planets**)

3- Complete:

- 1- Stars are shining bodies, but **planets** are dark bodies.
- 2- Stars produce **heat** and **light**.
- 3- Number of stars is **millions** .





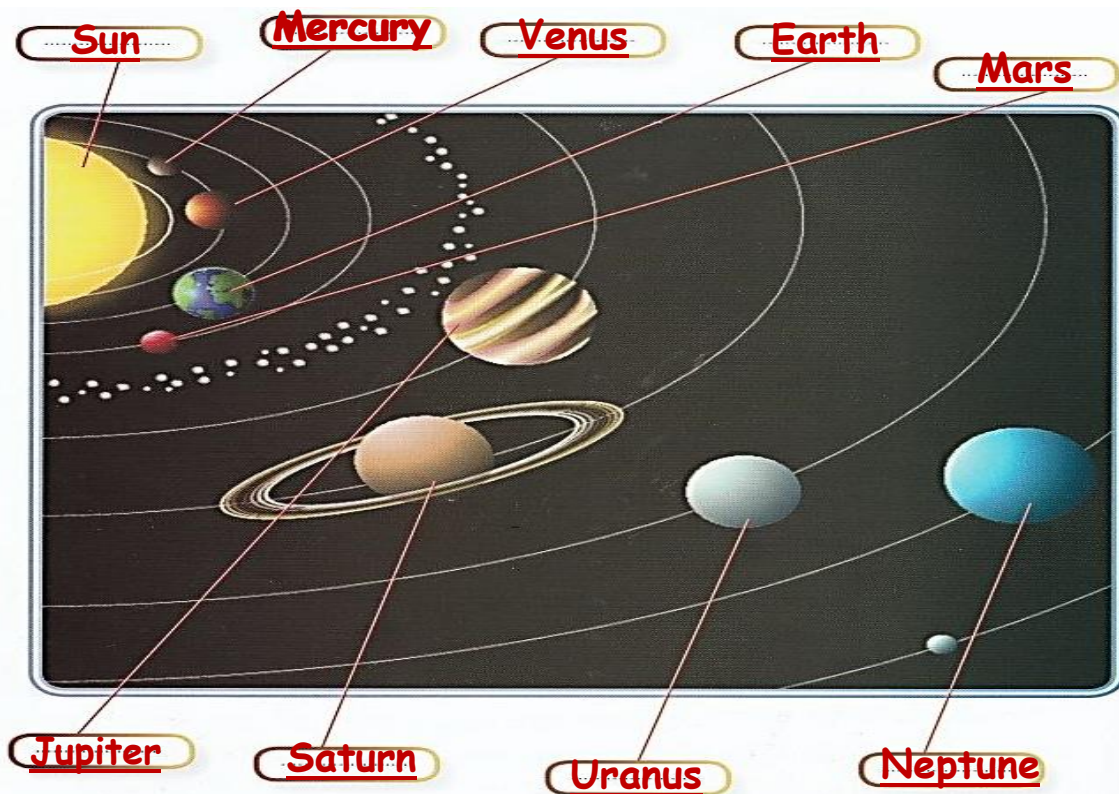
LESSON 3

The solar system

Complete:

- 1- The solar system is the sun and eight plants.
- 2- The eight planets revolve around the sun .
- 3- The earth rotates around the sun one time per year.
- 4- The third planet nearest to the sun is the earth .
- 5- The farthest planet from the sun is Neptune .
- 6- The biggest body in the solar system is sun .
- 7- The seventh planet nearest to the sun is Uranus .

Label the solar system:





Science

* write scientific term :-

- (1) The biggest Planet in the solar system (Jupiter) .
- (2) The smallest planet in the solar system (mercury)
- (3) The Sun and eight planet which revolve around it
(solar system)
- (4) The biggest body in the solar system (Sun) .

* Choose the Correct answer :-

- 1- The fourth planet nearest to the sun is
(mars - earth - Jupiter)
- 2- The Second planet nearest to the sun is
(mercury - Uranus - Saturn)





MODEL EXAM (1)

Complete:-

- 1- The **sun** is the major source of heat and light on the earth.
- 2- A **magnet** is a piece of metal that attracts iron and steel.
- 3- Types of electricity are **dynamic** and **static**

II-Put (✓) or (x):-

- 1- Batteries have dynamic electricity. (✓)
- 2- A magnet has three poles. (x)
- 3- The biggest planet in the solar system is Jupiter. (✓)
- 4- Volume is measured by a litre. (✓)
- 5- One kilogram is 100 grams. (x)





III-Complete from the box:-

three - solid - fixed - medium - planets

- 1- The dark bodies that rotate around the sun are called **planets**
- 2- The sun is a **medium** sized star.
- 3- Matter has **three** states.
- 4- Coins are **solid** state.
- 5- A stone has a **fixed** shape and volume.

IV-Choose the correct answer:-

- 1- The smallest planet is

 - a) **mercury**
 - b) earth
 - c) Neptune

- 2- The dark bodies that rotate around the sun are called

 - a) moons
 - b) sun
 - c) **planets**

- 3- The biggest body in the solar system is

 - a) jupiter
 - b) **the sun**
 - c) the earth





Science

- 4- The eight planets revolve around the
- a) moon b) sun c) stars
- 5- The self shining bodies that emit light and heat are called
- a) planets b) stars c) moons

Write the scientific term:-

- 1- They are dark bodies, they don't produce heat or light they are eight. (Planets)
- 2- The sun and the eight planets which revolve around it. (Solar system)
- 3- The farthest planet from the sun .
(Neptune)
- 4- Has three states solid, liquid, and gas.
(Matter)
- 5- A piece of metal that attracts iron and steel.
(Magnet)





MODEL EXAM (2)

1-Choose the correct answer :-

2- There are planets.

- a) eight b) nine c) seven

2- The force of the magnet through non magnetic substances.

- a) passes b) attracts c) doesn't passes

3-The magnet attracts things.

- a) copper b) iron c) aluminums

4- electricity is generated by the friction of two bodes against each other

- a) Dynamic
b) Static
c) Dynamic and static.

5- is a unit of volume.

- a) litre b) metre c) Gram





Science

II-Put (√) or (x):-

- 1- Mass is measured by a balance. (√)
- 2- Cubic centimeter is a unit of volume. (√)
- 3- Air has mass only. (x)
- 4- Iron is an example of solids. (√)
- 5- Oil has a fixed shape and volume. (x)
- 6- The star is a cold body. (x)
- 7- There are nine planets. (x)
- 8- The smallest planet is Jupiter. (x)
- 9- Planets produce heat and light. (x)

III-Complete from the box:-

dark - bigger - rocks - star - once

- 1- The sun is much bigger than the earth.
- 2- At night, it is dark
- 3- Earth is a big ball of rocks
- 4- The sun is a star





Science

IV-write scientific term:-

- 1- It is a burning ball of gases. (Sun)
- 2- It is a big ball of rocks. (Earth)
- 3- They are 8 and revolve around the sun in an oval orbit. (Planets)
- 4- The sun and the eight planets which revolve around it. (Solar system)
- 5- It is any thing that has mass and volume. (Matter)

