

ST GREGORIOS SCHOOL,DWARKA

CLASS-3GENERAL SCIENCE-WORKSHEET

L-2 ANIMALS AND PLANTS

Lesson Summary

All animals and plants are living things. Animals and plants have many similarities and differences. They carry out similar life processes like move,grow,breathe,need food,feel changes, reproduce and excrete. Let us learn about the various life processes.

MOVEMENT

Animals move from one place to another in search of food, shelter and to protect themselves from enemies. They move using their legs, wings, fins etc to move.

Plants do not move from place to place. But they show movement in special ways. Roots of plants move in the direction where water is available.Leaves of mimosa plant close when they are touched.

GROWTH

Babies of human beings and animals grow into adults. Saplings grow into trees.

OBTAINING FOOD

Food is essential for both plants and animals. Animals depend on plants and other animals for food.Eg.Cow eat plants while lion eats the flesh of animals.

Green plants make their own food. The leaves prepare food by a process called photosynthesis.

BREATHING

Living things breathe air. Different animals have different breathing organs. Some animals like cow, birds, whale breathe through lungs. Frog and earthworm breathe through their skin. Fishes breathe through gills. Insects have tiny air holes on their body called spiracles to breathe.

Plants breathe through tiny pores or openings in their leaves called stomata.

REPRODUCTION

Animals reproduce by giving birth to young ones or by laying eggs.

Plants reproduce with the help of seeds. Seeds grow into new plants.

SENSING CHANGES

Animals have sense organs which help them to know the changes around them. Different living things have different sense organs.

Cockroach and butterfly have antennae to feel.

Plants do not have sense organs. But they can also feel changes like growing towards light.

EXCRETION

All living things remove wastes from their body by a process called excretion. Lungs, kidneys and skin help in removal of wastes.

Plants get rid of wastes through stomata on their leaves.

Interdependence of plants and animals

Animals and plants are interdependent. They depend on each other for food as well as survival. Animals breathe out carbon dioxide which is useful for plants. Animals take in oxygen released by plants.

(Do the following in any available copy or sheet)

Fill in the blanks.

1. _____ grow into trees.
2. Cockroach and butterfly have _____ to feel.
3. Plants breathe through _____ in their leaves.
4. Lungs, kidneys and skin help in _____ of wastes.
5. _____ and _____ are interdependent.
6. _____ and _____ breathe through their skin.
7. The _____ plant closes its leaves when touched.
8. Animals take in _____ released by plants.

Answer the following questions.

1. Why do animals need to move?
2. What is the process of food making in plants called?
3. How do fishes breathe? How does a whale breathe?
4. How do insects breathe?
5. How do plants get rid of wastes?

ST. GREGORIOS SCHOOL (Session 2020-21)

Class -3

Subject—Social Studies

Lesson 1 ---Wonderful Sky (Chapter briefing and Assignment)

Stay Home!! Stay Safe!!

Explanation: - Look at the sky during the day as well as night from your balcony and observe the things that you can see.

The sky is really amazing and full of wonders..

In this lesson we will learn about –

- ▶ Heavenly bodies
- ▶ Stars
- ▶ The Sun
- ▶ Solar System
- ▶ Moon

Heavenly bodies:- The Sun , the moon and the stars are all natural objects visible in the sky. They are called heavenly bodies.

Stars:- They are huge balls of hot gases with their own heat and light. The Sun is also a star.

Some groups of stars in the sky are arranged in such a way that they form a pattern. These patterns are called **constellations**.

For example:- Great Bear, Orion etc.

The Sun:- The Sun is a star. It is a huge ball of gases. All the eight planets revolve around the Sun. It is much larger than the Earth.

The Sun is a source of energy called Solar Energy.

It is the Source of heat and light on Earth.

Plants make food with the help of sunlight.

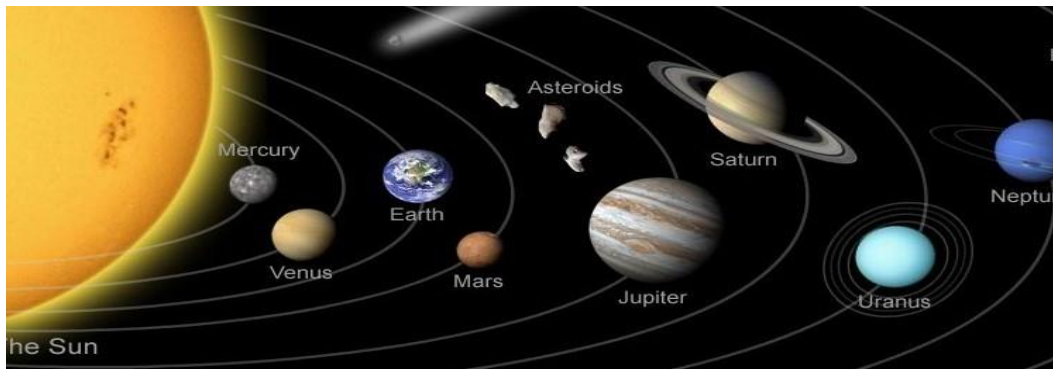
Solar System:- The family of the Sun is called solar system. It is composed of eight planets. The solar system is made up of all the planets that orbit (revolve around) our Sun.

The names of these planets are:-

1. Mercury, 2. Venus, 3. Earth, 4. Mars, 5. Jupiter, 6. Saturn, 7. Uranus, 8. Neptune

Note: - Beyond Neptune there is a small heavenly body called Pluto .It is no longer counted as planet as it is smaller than the moon. It is called a **Dwarf planet**.

We live on Planet Earth as it has air, water and perfect temperature to survive.



Moon:-The Moon is also called Satellite. The Moon moves around the Earth. A heavenly body that moves around the planet is called satellite. The Moon is the natural satellite of the Earth. It does not have its own light. It reflects the light of the Sun. It appears bigger as it is much closer to the Earth. There is no air, water or life on the Moon.

Test your understanding:

A. Choose the correct option-

1. The Sun, the moon and the stars are -----objects visible in the sky.
 - a) Artificial
 - b) natural
 - c) plastic
2. The Sun, the moon and the stars are called -----bodies.
 - a) Heavenly
 - b) godly
 - c) sky
3. There are -----planets in our solar system.
 - a) Uncountable
 - b) eight
 - c) nine
4. This heavenly body is no longer counted as a planet. It is a dwarf planet.
 - a) Pluto
 - b) Earth
 - c) Neptune
5. The -----is the natural satellite of the Earth.
 - a) Moon
 - b) Sun
 - c) Jupiter

B. State whether the following statements are **True or False**.

1. The Earth is a part of Solar System.
2. The Sun is smaller than the Earth.
3. Pluto is a dwarf Planet.
4. Some of the stars form pattern.
5. The Earth revolves around the Moon.

C. Answer the questions:

- Q1. Name the heavenly bodies.
- Q2. What is Solar System?
- Q3. Why is the Sun important? Write any 3 points.
- Q4. Define the Moon in short.
- Q5. Draw a neat picture of the Solar System. Label and colour it.

ST. GREGORIOS SCHOOL
SECTOR - 11, DWARKA
CLASS – III MATHEMATICS
CHAPTER – 1 PLACE VALUE

SUMMARY

Natural numbers – Counting numbers are called Natural numbers.

1, 2, 3, 4,are called Natural numbers.

Place value chart

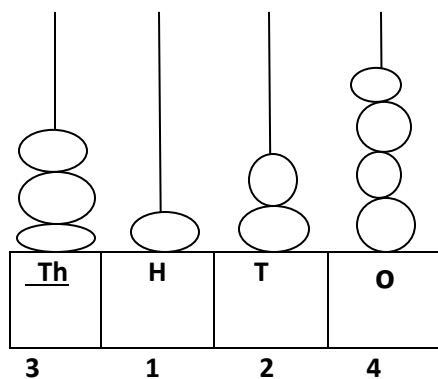
Ten thousands 10000	Thousands 1000	Hundreds 100	Tens 10	Ones 1
--------------------------------------	---------------------------------	-------------------------------	--------------------------	-------------------------

Period

The place value chart has been divided into periods.

Ones period has three places - Ones, Tens, Hundreds

Thousands period has two places – Ten thousands, Thousands



Three thousand one hundred twenty four.

Number Name

5489 – Five thousand four hundred eighty nine.

Face value of the digit

The face value of the digit is always the digit itself.

Example – Face value of 2 in 3249 is 2.

Place Value of the digit

The product of the digit and the value of its place is called the place value of the digit.

Example – Place value of 4 in 4072 = $4 \times 1000 = 4000$ or 4 thousand

Expanded form

To express a number as the sum of the place values of its digits is called Expanded form.

Example- Expanded form of 5692 = $5000 + 600 + 90 + 2$ (Or) 5 thousands 6 hundreds 9 tens 2 ones.

Standard form

The standard form is the reverse of expanded form.

Example - Standard form of $3000 + 700 + 80 + 6$ is 3786

Largest and smallest numbers

Number of digits	Largest number	Smallest number
One digit	9	1
Two digits	99	10
Three digits	999	100
Four digits	9999	1000

Forming the Greatest and smallest number using given digits

5,9,7,1

Greatest number – 9751

Smallest number – 1579

Successor and Predecessor of a number

A number that comes just after a given number is called the **Successor** and the number just before a given number is called the **Predecessor** of the given number.

Example

Successor of 2389 = 2390

Predecessor of 1000 = 999

Ascending order (Increasing order)

To arrange the given numbers from smallest to greatest.

Example

Arrange 5608 , 3489, 7650 , 3849 in ascending order.

Answer - 3489, 3849, 5608, 7650

Descending order (Decreasing order)

To arrange the given numbers from greatest to smallest.

Example

Arrange 9042, 9940 , 4367 , 2381 in descending order.

Answer - 9940 , 9042 , 4367 , 2381

To fill the missing numbers to continue the pattern

452 , 552 , 652 , 752 , 852 , 952

5887 , 5987 , 5997 , 6007 , 6017 , 6027

Z1 , Y2 , X3 , W4 , V5 , U6 , T7

Rounding numbers to the nearest 10.

Look at the digit at ones place.

If it is 5 or more than 5, then increase the digit at tens place by 1 and place 0 at the ones place.

If the digit at ones place is less than 5 , then replace ones digit by 0 keeping all the digits same.

Example

27 – 30

452 - 450

Based on the above concepts, please answer the given worksheet.

Work sheet – Chapter 1 Place value**1. Write the number name of the following**

- a. 2905 - _____
b. 7532 - _____
c. 8072- _____
d. 4663- _____
e. 9999- _____
f. 6075- _____

2. Write the face value of the underlined digit .

- a. 6853- _____
b. 4087- _____
c. 9825- _____
d. 5476- _____
e. 1390- _____
f. 8900- _____

3. Write the place value of the under lined digit.

- a. 3467- _____
b. 5098- _____
c. 1207- _____
d. 3673- _____
e. 2078- _____
f. 6584- _____

4. Write the expanded form of the following.

- a. 9999- _____
b. 5478- _____
c. 2045- _____
d. 6211- _____
e. 8092- _____
f. 2619- _____

5. Write the following in standard form (short form).

- a. $4000+500+90+7$ - _____
b. 3 thousands and 4 ones - _____
c. $7000+80+2$ - _____

- d. $2000 + 700 =$ _____
 e. $1000 + 500 + 40 =$ _____
 f. 5 thousands 6 hundreds 3 tens = _____

6. **Form the greatest(G) and smallest(S) numbers using the following digits.**

- a. 7,4,9,3 G- _____ , S- _____
 b. 2,0,7,1 G- _____ , S- _____
 c. 9,3,5,2 G- _____ , S- _____
 d. 5,4,0,8 G- _____ , S- _____
 e. 6,3,8,0 G- _____ , S- _____
 f. 1, 0, 5, 2 G- _____ , S- _____

7. **Compare using >, <, =**

- a. 5073 _____ 5703
 b. 4298 _____ 4289
 c. 1011 _____ 1101
 d. $7000 + 70$ _____ 7070
 e. 2564 _____ 2 thousands 6 hundreds 4 tens five ones
 f. Six thousand four hundred eight _____ 6480

8. **Write the successor of the following.**

- a. 9889- _____
 b. 4376 - _____
 c. 5505- _____
 d. 9999- _____
 e. 2309- _____
 f. 7299- _____

9. **Write the predecessor of the following.**

- a. 1500- _____
 b. 6801- _____
 c. 5557- _____
 d. 2100- _____
 e. 7042- _____
 f. 9000- _____

10. **Arrange the given numbers in ascending order.**

- a. 6789, 3592, 1099, 6579
 _____ , _____ , _____ , _____

b. 5943 , 4786 , 1249 , 3874
 _____ , _____ , _____ , _____

c. 3900 , 3009 , 3090 , 3099
 _____ , _____ , _____ , _____

11. Arrange the given numbers in descending order.

a. 5790 , 7950 , 7590 , 5970
 _____ , _____ , _____ , _____

b. 7843 , 8734 , 7834 , 8374
 _____ , _____ , _____ , _____

c. 1011 , 1010 , 1101 , 1110
 _____ , _____ , _____ , _____

12. Complete the given patterns.

a. 3456 , 3556 , 3656 , _____ , _____ , _____.

b. ABC , BCD , CDE , _____ , _____ , _____.

c. 8009 , 8007 , 8005 , _____ , _____ , _____.

d. 7 , 14 , 21 , _____ , _____ , _____.

e. 4878 , 4876 , 4874 , _____ , _____ , _____.

f. Z1Y , Y2X , X3W , _____ , _____ , _____.

13. Round off the following to the nearest 10.

a. 154 - _____

b. 69 - _____

c. 385 - _____

d. 3599 - _____

e. 757 - _____

f. 999 - _____

14. Fill in the blanks.

a. Successor of the greatest 3 digit number is _____.

b. 1 more than smallest 4 digit number is _____.

c. Place value of 6 in 2679 is _____.

d. $5000 + 800 + 90 =$ _____.

e. Successor of the smallest natural number is _____.

f. Period of hundred is _____.

g. There is no predecessor for the smallest natural number _____. (true / false)

- h. Greatest 3 digit number using three different digits is _____.
- i. Three thousand four hundred sixty can be written as _____.
- j. On rounding off the number 4399 to the nearest ten , we get _____.
- k. Predecessor the smallest 5 digit number is _____.

ST GREGORIOS SCHOOL DWARKA

Class 3 English Worksheet (2020-21)

Reader Lesson- 1

Amin And The Eggs

Read and enjoy the summary below-

Summary:-

There was a man named Amin. He lost his crops in a drought. He decided to go to another village. Before that he went to a merchant . He requested to give him a dozen hard-boiled eggs. He gave him and Amin promised to pay back when he returned . After 7 years he returned as a very rich man on a fine black horse. His camel was carrying bags of gold and silver coins too. Then the merchant came to him and asked for the debt. He asked for 500 silver coins. Amin refused to pay this just for 12 eggs. The angry merchant went to the court. He complained that 7 years ago he had given 12 eggs. They would have become twelve chickens and many more. So asked for 500 silver coins. But Amin reached the court late and the judge questioned him .He asked Amin why he got late. Amin replied that he got late as he was planting boiled beans.The angry judge asked him how boiled beans could become plants. Then he asked how then boiled eggs could hatch into chickens. Thus Amin won the case.

Words ----- Meaning

1. debt –money taken as loan
2. refused—said no
3. hatched—eggs became chicks
4. drought(rhymes 'doubt')—time when there is no rain
5. merchant--- trader

Verb forms (present—past):-

- 1.refuse —refused

2. return —returned
3. carry -- carried
4. appear—appeared
5. become—became
6. hatch—hatched
7. win—won

Plural form:-

1. merchant – merchants
2. judge—judges
3. case—cases
4. crop – crops

Questions and Answers:-

1. Why did Amin leave the village?

An- Amin left the village to look for a job as he had lost his crops in drought.

2. Why did he buy hard boiled eggs?

An- He bought hard boiled eggs to eat on his way to another village.

3. Why did the merchant ask for so much money?

An- The merchant asked for 500 silver coins because he knew that Amin had become very rich.

4. How did Amin win the case?

An- Amin won the case by his cleverness.

Based on your reading answer the following questions:--

1. What moral do you get from this story?
2. Make your own sentences with the following words

a. refuse b. appear c. become d. won e. judge

Note:- You can do all tasks in any copy or pages which should be kept for checking after school re-opens.

STAY AT HOME AND STAY FIT.