

POLICE DAV PUBLIC SCHOOL
CLASS- VI
HOLIDAYS HOMEWORK(SCIENCE)

1. Create your own amusement park creatively on a chart !

- Visit an amusement park with your family. Look closely at each ride and identify its type of motion.
- Take a picture of each of the available 'rides' and label their type of motion.
- With the pictures of rides, set up your 'amusement park', on a chart paper. Also draw some roads, grass, sidewalks and other things you find at an amusement park.
- Use your amusement park to tell your friends about each 'ride' and the type of motion associated with each ride.

2. Let us classify !

Visit a nearby departmental store and observe how classification of materials is useful. Try to find out the basis of classification of different materials. Write your observations in a tabular form on an A4 size sheet.

3. Green diary-

Observe any two animals and two birds in your surroundings. Click their pictures and mention the following points along with their pictures in your green diary-

- Name of the animal / bird
- Body appearance(eg- colour of skin/feathers, body pattern if any, mouth/ beak, tail, feet etc.)
- Feeding habit
- Any unique feature they have

4. Solve the following crossword puzzle with the help of given clues:

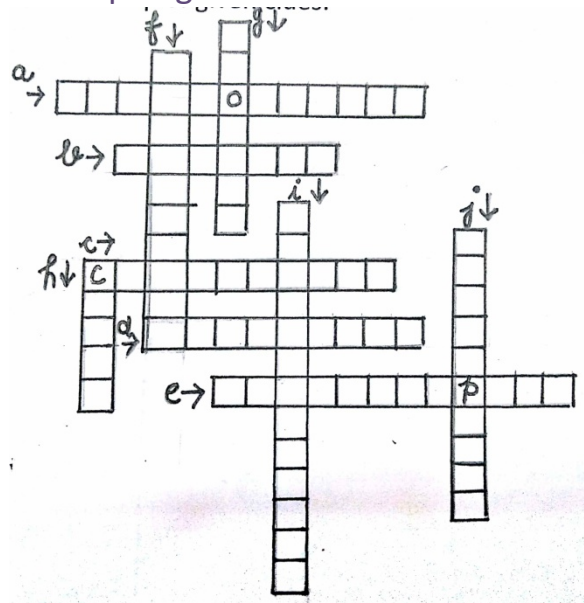
Clues:

Across-

- Do not make their own food.
- Non-living components.
- Meat eaters
- Vulture is a _____.
- Compost prepared by worms.

Down:

- Plant eaters.
- Morning glory.
- A desert animal.
- Decomposable material.
- Helps in recycling of minerals.



5. Identify different types of motion from the 'word puzzle' given below. Circular motion has been identified as an example for you.

o	g	c	g	q	p	b	d
s	r	i	v	p	o	g	b
p	e	r	i	o	d	i	c
o	c	c	b	s	p	r	u
e	t	u	a	c	v	g	r
k	i	l	c	i	h	r	v
f	l	a	b	l	a	r	i
c	i	r	m	l	m	p	l
u	n	a	n	a	p	d	i
d	e	l	r	t	r	m	n
m	a	q	t	o	q	n	e
i	r	m	o	r	p	s	a
n	o	a	b	y	t	u	r

6. Answer the following questions in one word/one line (Do on a separate sheet and attach with this worksheet):
- Give the standard unit of length, mass and time.
 - For which system of units, we use the short name- SI units?
 - What is the thickness of an ordinary paper?
 - Define force.
 - Why do sand and stones do not diffuse into each other?
 - What are soluble and insoluble substances?
 - Which gas is used by the aquatic animals to breathe?
 - If you and your friends are given the choice of eating food in a plastic plate or a banana leaf platter, which one would you prefer and why?
 - How does plastic affect the environment adversely?
 - A, B, C and D are all living organisms. A, B and C need readymade food whereas D can make it's own food by a natural process e. The organism A can eat B as well as D. The organism B eats only D or it's products whereas organism C eats only organism B.
 - What is organism A? Give one example of A.
 - Name the organism B. Give one example of B.
 - What are organisms like C called? Give one example of C.
 - What is the general name of organisms like D? Give one example of D.
 - Name the process E.