

**POLICE DAV PUBLIC SCHOOL**  
**SCIENCE HOLIDAYS HOMEWORK**  
**CLASS V**

*Longer days and shorter nights  
Dark shades & brighter lights  
Make these days the time of your life.  
This time only comes once a year  
So live it up without inhibition and fear.*

**This summer break try and make a difference**

- **Good manners is the key**- Respect your parents, grandparents and all elders. Use three magical words (Sorry, Please and Thank you) often.
- **Appreciate Nature** -Go for long walks in a park or garden with your family and friends. Grow a plant.
- **Stay Fit, Stay Healthy**- Play your favourite game / sport regularly. Develop in yourself the spirit of sportsmanship & sense of healthy competition.
- **Save Nature**– Contribute to save our precious environment. Minimize the wastage of resources like water, fuel and electricity.

**MUST DO:-**

- Eat healthy food and drink lots of water & juices.
- Read everyday. Watch less of T.V.
- Revise the concepts taught.

**ACTIVITY 1 LET'S HAVE A SNEAK PEEK**

Students will choose a day to visit a snack bar or a fast food joint. Ask the chef to name the five main ingredients used to prepare your favourite snack. Come home and write them down in the scrap book in the form of table given below:

Name of ingredient	Nutrient present	Healthy or not
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Observe the third column. Do you think you had a balanced meal? Give reasons for your answer.

Now share how you wish to bring a change in the bad eating habits.

Yes, I will change

**ACTIVITY 2 GETTING ACQUAINTED WITH SOLAR SYSTEM**

Find out five facts about the following planets, write them on a chart and paste their picture along with it .

- Roll no.1-12      Smallest Planet
- Roll no. 13-24    Largest Planet
- Roll no. 25-36    Planet nearest to the sun
- Roll no. 37-48    Planet having rings
- Roll no. 49        Hottest planet
- Onwards

### ACTIVITY 3- EXPLORE NATURE

**VARIEGATED LEAVES :** The leaves which have both green and non green parts. For further details refer to these links:  
[https://simple.wikipedia.org/wiki/Variiegated\\_leaf](https://simple.wikipedia.org/wiki/Variiegated_leaf)<https://www.youtube.com/watch?v=f4PBgQtraJE>

Students will maintain a scrap book named as **"GREEN DIARY"** till class VII.

Collect five different samples of variegated leaves and paste them in your GREEN DIARY. Also specify the name of the leaf if known.

#### Q1 Write the full form of the following abbreviations:

- NASA - \_\_\_\_\_
- ISRO - \_\_\_\_\_
- BSF - \_\_\_\_\_
- WHO - \_\_\_\_\_
- WWF - \_\_\_\_\_

#### Q2 BRAIN STROMERS:

- Presence of oil patches on paper wrapping food, indicates the presence of which nutrient in food?  
(i) Starch (ii) Proteins (iii) Fats (iv) Vitamins
- In what habitat might an animal with thick fur coat live?  
(i) Desert (ii) Plains (iii) Tundra (iv) Marine
- Which among the following cannot be digested by humans?  
(i) Proteins (ii) Vitamins (iii) Cellulose (iv) Fats
- The weight of human brain is about:  
(i) 0.5kg (ii) 1.5kg (iii) 1kg (iv) 2kg
- Which organ is protected by hip bone?  
(i) Heart (ii) Kidneys (iii) Liver (iv) Stomach

#### Q3 Unscramble and guess who am I :

- I am the smallest unit of a living organism. (lelc)
- I am the organ system which is different in men and women. (eprorudcitveystesm)
- I am the sense organ present everywhere in the body. (Kisn)
- I am the digestive organ in which undigested semi-solid waste is collected. (utcrem)
- I am the nerve which carries message from brain to body parts. (Ernevotmor)

#### Q4 Complete this crossword with names of the correct organs:

##### Across

- Digests the food
- Controls us
- Secrets bile juice

##### Down

- Pumps blood
- Help us to breathe
- Clear the liquid waste

