



Dear Parents

We wish you and your child a very happy summer holidays . It's time to enjoy and create a bond with family, friends and relatives. To utilize this time in the most constructive way we have prepared Holiday Homework for the students on the principle of 'learning by doing' for their holistic development.

So here we start.....

1. Morning Blessings

Help your child inculcate good habits like doing "Surya Namaskar" and encourage him/her to wish all elders in the morning. If possible, visit a temple or any other religious place of your choice.

2. Physical Development

- Take the child with you for morning/evening walk.
- Play different games like hide and seek, football, ludo, chess, snakes and ladders, carrom board etc. with your child.

3. Language Development

- Encourage your child to converse in English.
- Choose any 1 object from your surroundings every day. Let the child speak few lines on it.

4. Being Good

- Help your child inculcate good habits like doing 'Surya Pranam' & encourage him / her to greet all elders in the morning.
- Help your child to use 4 magical words : PLEASE, SORRY, THANK YOU, EXCUSE ME as the part of basics of good manners.
- Encourage your child to listen.
- Gently care for animals. Encourage your child to be empathetic towards animals.
- Involve your child to sow a plant in a pot and give water. Give knowledge about plants and trees. Explain to them that they are an integral part of their growing up.
- Have at least two meals together with your children. Teach them the importance and hard work of the farmer and ask them not to waste their food.
- Let them take their own plates after every meal . Children learn dignity of labour from such activities.

5. Health and Hygiene

"Healthy mind resides in a healthy body." So start your day early and set a routine even during vacations. In addition you and your little one can spend some quality time playing, cycling, swimming to keep yourself fit and healthy. Encourage your child to take care of personal hygiene by inculcating the habits like washing hands, practicing yoga, eating healthy food etc.

General instructions:-

1. Attempt your work neatly.
2. Use loose sheets to write answers.
3. Write your Name, Class-section and Roll number.

Revise all the explained chapters and learn question and answers.

In the following questions a statement of assertion(A) followed by reason(R) is given. Choose the correct answer out of the following choice.

- a) Both (A) and (R) are true and (R) is the correct explanation of (A).
- b) Both (A) and (R) are true but (R) is not the correct explanation of (A).
- c) (A) is true but (R) is false.
- d) (A) is false but (R) is true.

1) **Assertion (A):** Plants need sunlight to make their food.

Reason (R): Plants perform photosynthesis using sunlight.

2) **Assertion (A):** Seeds do not need water to germinate.

Reason (R): Seeds can grow in dry conditions.

3) **Assertion (A):** Carnivores have sharp and pointed teeth.

Reason (R): Carnivores eat only plants.

4) **Assertion (A):** Frogs can live both in water and on land.

Reason (R): Frogs breathe through lungs on land and through moist skin in water.

5) **Assertion (A):** Proteins help in building and repairing body tissues.

Reason (R): Proteins are also known as body-building foods.

6) **Assertion (A):** Omnivores eat both plants and animals.

Reason (R): Bears and humans are examples of omnivores.

7) **Assertion (A):** Scavengers clean the environment by eating dead animals.

Reason (R): Vultures and hyenas are examples of scavengers.

8) **Assertion (A):** Farmers grow different crops in different seasons.

Reason (R): Some crops need more water, while others grow in dry weather.

9) **Assertion (A):** Fertilizers are used to kill insects and pests.

Reason (R): Fertilizers are harmful chemicals.

10) **Assertion (A):** The atmosphere is important for life on Earth.

Reason (R): The atmosphere provides air to breathe and protects us from the sun's harmful rays.

11) **Assertion (A):** The stratosphere contains the ozone layer.

Reason (R): The ozone layer helps in cloud formation.

- 12) **Assertion (A):** Satellites orbit Earth in the exosphere.
Reason (R): The exosphere is the outermost layer of the atmosphere.
- 13) **Assertion (A):** Non-communicable diseases spread through air and water.
Reason (R): Non-communicable diseases are not caused by germs.
- 14) **Assertion (A):** Insects breathe through tiny holes called spiracles.
Reason (R): Spiracles are connected to tubes that carry air to their body parts.
- 15) **Assertion (A):** Birds have feathers to help them fly.
Reason (R): Feathers make birds heavier so they can stay on the ground.
- 16) **Assertion (A):** Fish have scales on their body.
Reason (R): Scales protect fish and help them move smoothly in water.
- 17) **Assertion (A):** The seed coat protects the seed.
Reason (R): The seed coat allows water and air to pass through.
- 18) **Assertion (A):** Germination is the process where a seed becomes a baby plant.
Reason (R): Seeds germinate only when they are kept in sunlight.
- 19) **Assertion (A):** Nitrogen makes up about 78% of the Earth's atmosphere.
Reason (R): Nitrogen is a major component of air and is essential for plant growth.
- 20) **Assertion (A):** Filtering is used to separate insoluble impurities from liquids.
Reason (R): Insoluble impurities do not dissolve in water, so they can be trapped by a filter.

**** Prepare a model of a floating object using straws. (Refer to the images).**

**** Prepare a model of dustbins to keep bio-degradable and Non- biodegradable waste.**

