

KENDRIYA VIDYALAYA NO.2, PORT BLAIR

SCIENCE SUMMER HOLIDAY HOMEWORK (2023-24)

CLASS VII

1) Make a list of any 10 food items you consume during the summer vacation and classify them as an animal or a food product. Also mention the ingredients used to make it and the type of nutrient present in it. Record your answers in a tabular form in the following format:

Name of the food item	Animal/Plant product	Ingredients used to make it	Nutrient present
Eg: Roti	Plant product	Atta, Water	Carbohydrates

2) Observe the following items from around you and describe their properties as indicated in the table below:

Name of the object	Material it is made up of (wood, plastic, metal etc.)	Hard/Soft	Soluble/ Insoluble in water	Floats/Sinks in water	Transparent/ Translucent/ Opaque
Coin					
Key					
Paper					
Comb					
Chalk piece					
Spoonful Of soil					
Dried roses					
Cotton ball					
Candy					
Lunch box					

3) List out the methods that can be used to separate the following:

- a) Tea from tea leaves
- b) Peanuts from rice

- b) Salt from salt water
- d) Soil from water

4) Paste pictures of two shrubs, two herbs and two trees that can be found in our school campus.

5) Paste pictures of four different types of joints found in human body. Write down their names as well.

6) Measure the length of the following items from your house:

a) Length of your door

c) Length of your dining table using handspan

b) Breadth of bed

d) Length of your bedroom using foot span

7)(a) Classify the following as **Transparent**, **Translucent** and **Opaque**:

Bedsheet, science notebook, a clear glass of water, a single sheet of paper, window panes, a paper bag.

(b) Watch the video available on the link <https://youtu.be/IOIGOT88Aqc> and write a short note in about 40-50 words on what type of objects can form shadows.

8) Draw a simple circuit consisting of a **BULB**, a **BATTERY** and a **SWITCH**.

9) Write down the names of four **magnetic** and four **non-magnetic** materials that can be found in your house.

(10) (a) Write down the **composition of air**.

(b) The air around us is important for our survival, but in the present times we are all facing a very serious problem called 'AIR POLLUTION'.

Watch the video available on the link <https://youtu.be/sAKyhfxr7s> and write down **'5 causes of air pollution'**.

HAPPY HOLIDAYS!!!!