



10

Day and Night and Seasons



Read :

Friends,

Everyday we see the sun rising and setting. But time of rising and setting of sun is not same everyday. We have prepared various notes in “My observation”-1 in June “My observation”-2 in September and “My observation”-3 in December.

On the basis of this details we have also prepared note on clothing, vegetables and food recipes. Based on this observation fill up the following details :



Write : Table : Write on the basis of 1 to 3



Observation :

- **Details 1 : Note the time of rising and setting of Sun**

(1) My observation	Rising Time	_____ Date : _____
	Setting Time	_____ Date : _____
(2) My observation	Rising Time	_____ Date : _____
	Setting Time	_____ Date : _____
(3) My observation	Time of rising	_____ Date : _____
	Setting Time	_____ Date : _____
(4) When did the sun rise the earliest:		_____ Date : _____



- **Details 2 : Note the time of the sun set and rise :**
 - **Note the time when the sunsets the latest :**

(1) My observation	Rising time	_____ Date : _____
	Setting time	_____ Date : _____
(2) My observation	Rising time	_____ Date : _____
	Setting time	_____ Date : _____
(3) My observation	Rising time	_____ Date : _____
	Setting time	_____ Date : _____
(4) When did sun set the latest		_____ Date : _____



Fill in the colours :

- **Details 1 :**

My observation	Time of sunrise in the morning					Day	Time of sunset in the evening			
1	4	5	6	7	8		5	6	7	8
2	4	5	6	7	8		5	6	7	8
3	4	5	6	7	8		5	6	7	8

- **Details 2 :**

My observation	Time of sunset in the evening					Night	Time of sunrise in the next day			
1	4	5	6	7	8		5	6	7	8
2	4	5	6	7	8		5	6	7	8
3	4	5	6	7	8		5	6	7	8



Think and Say :

- **What differences can be seen between details 1 and 2**

**Read :****Write :**

Friends,

Like sun we cannot see moon every night. Moon is sometimes small or big or invisible. Previously on the basis of "My observation" : 1, 2 and 3 , the time of Moon rise at night was noted. Keeping this in mind, prepare a note on below given details.

Sr.	Time of moon rise and its difference					
	Table-1	Difference	Table-2	Difference	Table-3	Difference
1	2	3	4	5	6	7
1						
2						
3						
4						
5						
6						
Serial						

**Count and find solution :****Write :**

- When the days are long, what type of clothes do we wear? Why?

- When the days are long, what type of clothes we don't wear?

- When the days are short, what kind of clothes do we wear?



- When the days are short, which clothes we should not wear?

● _____

- What type of clothes do you wear in September? Why?

● _____

- Which type of clothes can be worn in all seasons?

● _____



See, Write and Understand :

Sr. No.	Detail	Observation-1	Observation-2	Observation-3
1.	Names of vegetables noted in the tables			
2.	Name of vegetables common in all three tables			
3.	Name of vegetable different from each other in tables			



Read :

In today's modern times, due to the usage of cold storage, scientific agriculture and improved seeds, most of the vegetables are available through out the year - due to this it is not possible to differentiate vegetables on the basis of Winter, Summer and Monsoon.





Discussion :



Write :



Winter...



Summer...



Monsoon...

Today, due to the different types of effects of pollution, environment is harmed. Because of this, apart from Monsoon, rain falls in other seasons, too.



It is True :

- On 21st June, the day is longest and the night is shortest.
- 22nd December has the year's shortest day and longest night.
- 20th March and 23rd September have equal days and nights.



Discuss :

- Incidence of disease increase in a particular time phase.
- Make a list of games played in different seasons.
- Find the reasons for day and night being long or short.





How much have you learnt ?-3



As per the example, give three more names :

- Can be eaten raw : 'Cucumber'

● _____ ● _____ ● _____

- Can be roasted and eaten : 'Chapati'

● _____ ● _____ ● _____

- Can be boiled and eaten : 'Khichdi'

● _____ ● _____ ● _____

- Can be sauted and eaten : 'Parathas'

● _____ ● _____ ● _____

- Can be fried and eaten : 'Puri'

● _____ ● _____ ● _____



From the kitchen, what is useful ?

- In case of cough, ...

● Put turmeric powder in milk, warm it and drink

- In case of diarrhoea

● _____

- In case of gas in the stomach...

● _____

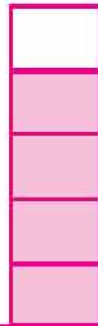




Fill in the colours :

Coloured part represents moisture holding capacity.

Example :



Alluvial soil



Clayey soil



Sandy soil



Think and Say :

- Which components are found in soil?
- How many types of soil are there? Name them.
- Which type of soil has maximum decantation power?



Fill in the colours :

Draw the materials of food to be eaten during particular season :

Winter		Summer		Monsoon	



How much have you learnt ?-3

87

