



Salwan Public School

Gurugram

(Session 2021-22)
Home Learning Plan
Class V (January 24 - 29, 2022)

Dear Parent

Greetings!

- The weekly Time Table will be shared separately along with Meeting Ids and Passwords.
- Please refer to Event Planner for Holidays and Activities planned for the month.

English

Concept: Lesson 6 – Speedy I Need You

-Speaking Activity (Details were shared in the last week's HLP)

What will I learn?

I will be able to:

- read the text with fluency, clarity and intonation. (remembering and understanding)
- develop their listening and comprehension skills. (understanding and applying)
- discuss the answers of comprehension questions based on the text. (understanding)
- enhance their vocabulary and use the new words appropriately to frame meaningful sentences. (creating)
- discuss the character-sketch of the main characters of the play and summarize the theme of the text. (analyzing and evaluating)
- organize and express their views and ideas in a well-structured and systematic manner. (creating)

To Read & Understand:

- Read Lesson 6 – Speedy I Need You (79 - 83) of the book ‘The English Connection’.
- Read and learn ‘Words to know’ given on page 84.

To Do:

- Do Ex A& B given on page 84-85 of your book.
- **Answer the following questions:**

Make Sentences:

ghostly, plotted, broiling, seepage

• Short Answers:

1. What was strange in Speedy's behaviour that Mike had observed?
2. Why was selenium important to the space travelers?
3. What instruction was given by Greg to the newly charged old Robot?

• Long Answers:

1. What were the three fundamental rules of Robotics?
2. What was needed for the old robot to move? Did they fulfill the criteria?

• Reference to Context:

"There is something confusing his brains patterns."

- a. Who said this to whom?
- b. Whom does 'his' refer to?
- c. What was confusing his brain patterns?
- d. Name the lesson and its writer.

SERVICE BEFORE SELF

Hindi

Concept:

पाठ -11 कविता (नभ केपिण्ड)- वाचन गतिविधि

पाठ -10 सीढ़ीदार खेत – प्रश्नउत्तर ,मूल्यपरक प्रश्न

हिन्दी विषयासंबंधित गतिविधि	समय और दिनांक	विषय	मूल्यांकन के आधारबिन्दु
वाचन	जनवरी 24-29 हिन्दी कालांश	पाठ – 11 कविता - नभ के पिंड	<ul style="list-style-type: none"> • उच्चारण • हावभाव • प्रस्तुतिकरण

❖ What will I learn?

- ❖ पठन एवं वाचन कौशल का विकास होगा ।
- ❖ सौरमंडल से परिचित होंगे ।
- ❖ विभिन्न ग्रहों और उपग्रहों के बारे में जानकारी प्राप्त होगी। ।
- ❖ वैज्ञानिक दृष्टिकोण का विकास होगा ।

❖ To Read and Understand :-

- ❖ परिवेश पृष्ठ संख्या 82-87 पढ़े।
- ❖ वाक्य निर्माण - उत्सुकता ,नरम ,जिज्ञासा, श्रृंखला शब्दों का वाक्य में प्रयोग कीजिए। (गृहकार्य)
- ❖ शब्द अर्थ ,श्रुतलेख का अभ्यास कीजिए। (गृहकार्य)
- ❖ परिवेश पृष्ठ संख्या(88 -90) भाषा की बात (गृहकार्य)

कक्षा कार्य-

- ❖ पाठ-10 सीढ़ीदार खेत लिखित प्रश्न -उत्तर और मूल्यपरक प्रश्न लेखन कार्य
- ❖ वाचन गतिविधि - पाठ -11 कविता (नभ केपिण्ड)

SERVICE BEFORE SELF

Mathematics

Concept: Chapter 11 - Time

What will I learn?

- To revise the units of time.
- To convert bigger units of time into smaller and vice -versa.

To Read & Understand: (Textbook- Page number)

Page numbers:- Ch 11 – Pg 181-185

To Do:

Home Assignment

Exercise 11.1 :- QA :- 4, 5 parts , QC:- 4, 5 parts , QD :- 2,3, parts

Exercise 11.2 :- QA :- 2, 4 parts , QB :- 2, 4 parts , QC:- 2, 4 parts , QD :- 2, 4 parts

Exercise 11.3 :- Q 1 and Q2

Class assignment :- Remaining parts.

Subject Enrichment activity : Make a Math Wheel on the given below topics according to the roll numbers assigned. Use coloured sheets and pens for the activity.

- 1) Roll number 1- 9:- Types of angles
- 2) Roll number 10-18 :- Types of polygons
- 3) Roll number 19- 27 :- Types of triangles
- 4) Roll number 28-36 :- Types of quadrilaterals

The activity will be judged on basis of content, accuracy and presentation. Upload the activity in google classroom by 5th February 2022.



Science

Concept: Natural Calamities

What will I learn?

- Formation of Tsunami
- Causes of floods
- ways to control floods
- causes of drought
- preventive measures for drought
- Preparedness with Natural calamities

To Read & Understand:

Read Pages 115-119

To Do:

Activity on Tornado

Make your own seismometer

Q 5d,e, f,g,h,i and j

SERVICE BEFORE SELF

Social Science

Concept: India Under British Rule

What will I learn?

- Arrival of British in India
- Discontentment against British Rule
- Revolt of 1857

To Do:Breakout Room Activity-

Students are divided into groups and sent to breakout rooms to discuss and make presentations on the role of Social reformers.

ICT

Concept: Coding

Overview

In this context-setting lesson, students will discuss the role of computers and technology in their lives, focusing on how apps and tools give users choices about how to use them. Students will also explore apps similar to those they'll create themselves later on.

What will I learn?

Student will be able to:

- Describe the importance of the user in the design process.
- Identify sprites in a running computer program.

To understand:

Vocabulary

- Algorithm - A list of steps to complete a task.
- Behavior - An action that a sprite performs continuously until it's told to stop.
- Program - An algorithm that has been coded into something that can be run by a machine.
- Sprite - A graphic on the screen with a location, size, and appearance.

To do

https://studio.code.org/s/coursef-2021/lessons/3/levels/1?no_redirect=1

General Knowledge (GK)

To do: Complete Page no.64 and 65 of GK Book.

(c) Deutschlandlied is the national anthem of France _____

(d) Iguanas are the only non-vegetarian lizards. _____

4. Complete the following idioms and proverbs with the help of given clues:

(a) Look before you _____. _____

(b) Don't cry over spilt _____. _____

(c) Every dark cloud has a silver _____. _____

(d) As white as _____. _____

(e) A _____ letter day.

red
lining
milk
snow
leap

5. Tick (✓) the correct option:

(a) The person who performs difficult or dangerous actions, often in place of the stars.

(i) Director (ii) Stunt performer (iii) Producer

(b) Is it right to use lift during an earthquake?

(i) Yes (ii) No (iii) Sometimes

(c) Mount Rushmore is located in _____.

(i) France (ii) UAE (iii) US

(d) The device used for collecting radio signals from space is called _____.

(i) Radio Telescope (ii) Microscope (iii) Ammeter

(e) The tallest flower in the world is _____.

(i) Rose (ii) Titan Arum (iii) Poison Ivy

OLYMPIAD/TALENT SEARCH PRACTICE QUESTIONS

SCIENCE

1. Which of the following is not an amphibian?

- (a)  (b)  (c)  (d) 

2. Which of the following is present at the feet of herbivorous that helps them to escape from their predators?

- (a) Fur (b) Claws (c) Scales (d) Toes

3. Which of the following animals does not live in a burrow?

- (a)  (b)  (c)  (d) 

4. What do amphibians, like frog, use for breathing?

- (a) Skin (b) Gills (c) Lungs (d) Both (a) and (c)

5. Insects always have _____ legs.

- (a) 4 (b) 5 (c) 6 (d) 10

6. Identify the animal which is an invertebrate.

- (a)  (b)  (c)  (d) 

7. Which animal is also called the 'Master of Camouflage'?

- (a) Alligator (b) Snake (c) Chameleon (d) Crocodile

8. What happens to an animal during hibernation?

- (a) Breathing gets low (b) Rate of heartbeat reduces
(c) Consumption of food is stopped (d) All of these

9. Which season marks the end of hibernation of a animal?

- (a) Spring (b) Monsoon (c) Summer (d) Winter

10. What is the movement of a group of animals from one place to another called?

- (a) Reproduction (b) Migration (c) Hibernation (d) None of these

11. 'Mimicry' among animals is a form of _____.

- (a) migration (b) camouflage (c) hibernation (d) aestivation

12. Without which of the following seeds cannot be produced in plants?

- (a) Leaves (b) Roots (c) Flowers (d) None of these

13. What is the process of development of seed into seedling called?

- (a) Photosynthesis (b) Evaporation (c) Transpiration (d) Germination



Answer Keys

English

- **Short Answers:**

1. **What was strange in Speedy's behaviour that Mike had observed?**

Ans. Mike observed that Speedy was taking rounds around the selenium pool.

2. **Why was selenium important to the space travelers?**

Ans. Selenium was important to the space travelers because it was the only thing that could save them from Mercury's heat. No selenium means death by slow broiling.

3. **What instruction was given by Greg to the newly charged old robot?**

Ans. Greg asked the newly charged old robot to go about thirty kilometers and somewhere in that general region, he would meet another robot, smaller than him and order him to return. If he did not wish to, then he would bring him back by force.

- **Long Answers:**

1. **What were the three fundamental rules of Robotics?**

Ans. The three fundamental rules of Robotics are:

- a. A robot may not injure a human being or through inaction allow a human being to come to harm.
- b. A robot must obey the orders given by human beings except where such orders would conflict with the first law.
- c. A robot must protect itself as long as such protection does not conflict with the first or second laws.

2. **What was needed for the old robot to move? Did they fulfil the criteria?**

Ans. The atomic battery was needed for the old robot to move. Yes, they fulfilled the criteria to an extent. They understood the instructions and were ready to follow them but the only drawback was that they were not ready to complete the task all alone.

They needed Mike and Greg to ride them.

- **Reference to Context:**

"There is something confusing his brains patterns."

- a. Who said this to whom?

Ans. Greg said this to Mike.

- b. Whom does 'his' refer to?

Ans. 'His' is referred to as Speedy.

- c. What was confusing his brain patterns?

Ans. The second and third rule of robotics were confusing his brain patterns.

d. Name the lesson and its writer.

Ans. The name of the lesson is ‘Speedy I Need You’ written by Isaac Asimov.

Hindi

वाक्य निर्माण

- 1) राम अपने भाई की उत्सुकता देखकर हैरान हो गया।
- 2) मेरी माँ ने मुझे नरम -नरम रोटियाँ खिलाई।
- 3) कक्षा में छात्र जिज्ञासा से अध्यापिका की बातों को सुन रहे थे।
- 4) सायंकाल में आकाश में उड़ते पक्षियों की श्रृंखला माला के समान दिखाई देती है।

परिवेश (पृष्ठ -88)भाषा की बात

(1) कोष्ठक से सही शब्द चुनकर लिखिए।

- क. कि
- ख. क्योंकि
- ग. और
- घ. लेकिन

(2) लिंग बदले

- 1) लड़का
- 2) माली
- 3) अभिनेता
- 4) कवि
- 5) सेठानी
- 6) युवती
- 7) साम्राज्ञी
- 8) विदूषी
- 9) बेगम

(3) द्वित्व व्यंजन से तीन –तीन शब्द बनाइए।

- 1) अम्मा ,निकम्मा ,मम्मी
- 2) बच्चा कच्चा ,सच्चाई
- 3) पत्ता ,छत्ता ,उत्तर
- 4) गुब्बारा ,धब्बा ,डिब्बा

(4) सही उत्तर पर (✓) लगाइए।

- | | |
|------------------|-------------|
| क. ता | घ. प्रयास |
| ख. बहुत खुश होना | ड. श्रृंखला |
| ग. दारजलिंग | च. जहाँ |

(5) विशेषण और विशेष्य

- क. ऊनी -कपडे
- ख. समतल -मैदान
- ग. ठंडी -हवा
- घ. चमचमाती -धूप
- ड. सूखी –पत्तियाँ

(6) क्रिया और सर्वनाम

- क. मुझे
- ख. बनाया
- ग. वह
- घ. मेरी
- ड. सो

SERVICE BEFORE SELF

Mathematics

Exercise 11.1

A. Convert to minutes

4) 12 hours 25 mins

Sol: 1 hour = 60mins

$$\begin{aligned}12 \text{ hours } 25 \text{ mins} &= 12 \text{ hours} + 25 \text{ mins} \\&= (12 \times 60) \text{ mins} + 25 \text{ mins} \\&= 720 \text{ mins} + 25 \text{ mins} \\&= 745 \text{ mins}\end{aligned}$$

5) 13 hours 5 mins

Sol: 1 hour = 60mins

$$\begin{aligned}13 \text{ hours } 5 \text{ mins} &= 13 \text{ hours} + 5 \text{ mins} \\&= (13 \times 60) \text{ mins} + 5 \text{ mins} \\&= 780 \text{ mins} + 5 \text{ mins} \\&= 785 \text{ mins}\end{aligned}$$

C. Convert the following into seconds

4) 6 mins 45 seconds

Sol: 1 min = 60 seconds

$$\begin{aligned}6 \text{ mins } 45 \text{ seconds} &= 6 \text{ mins} + 45 \text{ seconds} \\&= (6 \times 60) \text{ seconds} + 45 \text{ seconds} \\&= 360 \text{ seconds} + 45 \text{ seconds} \\&= 405 \text{ seconds}\end{aligned}$$

5) 20 mins 10 seconds

Sol: 1 min = 60 seconds

$$\begin{aligned}20 \text{ mins } 10 \text{ seconds} &= 20 \text{ mins} + 10 \text{ seconds} \\&= (20 \times 60) \text{ seconds} + 10 \text{ seconds} \\&= 1200 \text{ seconds} + 10 \text{ seconds} \\&= 1210 \text{ seconds}\end{aligned}$$

D. Convert to days

2) 3 years 200 days

Sol: 1 years = 365 days

$$\begin{aligned}3 \text{ years } 200 \text{ days} &= 3 \text{ years} + 200 \text{ days} \\&= (3 \times 365) \text{ days} + 200 \text{ days} \\&= 1095 \text{ days} + 200 \text{ days} \\&= 1295 \text{ days}\end{aligned}$$

3) 5 months 28 days

Sol: 1 month = 30 days

$$\begin{aligned}5 \text{ months } 28 \text{ days} &= 5 \text{ months} + 28 \text{ days} \\&= (5 \times 30) \text{ days} + 28 \text{ days} \\&= 150 \text{ days} + 28 \text{ days} \\&= 178 \text{ days}\end{aligned}$$

1.

Exercise 11.2

A. Convert to hours and minutes

2) 480 mins

Sol: 1 hour = 60 mins

$$480 \text{ mins} = 480 \div 60 = 8 \text{ hrs}$$

4) 258 mins

Sol: 1 hour = 60 mins

$$258 \text{ mins} = 258 \div 60 = 4 \text{ hrs } 18 \text{ mins}$$

$$\begin{array}{r} 60 \quad \boxed{258} \quad 4 \\ \hline 240 \\ \hline 18 \end{array}$$

B. Convert to minutes and seconds

2) 600 sec

Sol: 1 min = 60 secs

$$600 \text{ secs} = 600 \div 60 = 10 \text{ mins}$$

4) 632 secs

Sol: 1 mins = 600 sec

$$632 \text{ mins} = 632 \div 60 = 10 \text{ mins } 32 \text{ secs}$$

$$\begin{array}{r} 60 \quad \boxed{632} \quad 10 \\ \underline{-} \quad \underline{60} \\ \hline 32 \end{array}$$

C. Convert to weeks and days

2) 78 days

$$\begin{array}{r} 0 \\ \hline 32 \end{array}$$

Sol: 1 week = 7 days

$$78 \text{ days} = 78 \div 7 = 11 \text{ weeks } 1 \text{ day}$$

3) 35 days

Sol: 1 week = 7 days

$$35 \text{ days} = 35 \div 7 = 5 \text{ weeks}$$

D. Convert to months and days

2) 155 days

$$\begin{array}{r} 30 \quad \boxed{155} \quad 5 \\ \underline{-} \quad \underline{150} \\ \hline 5 \end{array}$$

Sol: 1 month = 30 days

$$155 \text{ days} = 155 \div 30 = 5 \text{ months } 5 \text{ days}$$

4) 192 days

Sol: 1 month = 30 days

$$192 \text{ days} = 192 \div 30 = 6 \text{ months } 12 \text{ days}$$

$$\begin{array}{r} 30 \quad \boxed{192} \quad 6 \\ \underline{-} \quad \underline{180} \\ \hline 12 \end{array}$$

Exercise 11.3

Q1. Time spent on reading in minutes = 120

$$1 \text{ hour} = 60 \text{ minutes}$$

$$120 \text{ minutes} = \frac{120}{60} \text{ hours} = 2 \text{ hours}$$

Ans. Jyoti spent 2 hours on reading newspaper.

Q2. Time spent on milking cows = 1 hour 35 minutes

$$1 \text{ hour} = 60 \text{ minutes}$$

$$1 \text{ hour } 35 \text{ minutes} = (1 \times 60) \text{ mins} + 35 \text{ mins}$$

$$= 60 + 35 = 95 \text{ minutes}$$

Ans : Farmer spends 95 minutes to milk his cows.

EVS

Q5 d) A tsunami is the result of an earthquake or volcanic eruption that occurs under the sea.

The waves of tsunami move like a wall of water as high as 15 meters with speed reaching 8000Km/hr.

e)

i) Floods occur when rivers overflow its banks due to heavy and excessive rain fall.

ii) Due to long and hot summers , a lot of snow on high mountains melts . This melting results in excess water which flows in the rivers causing flooding and land slides .

SERVICE BEFORE SELF

f) Shortage of water over along period of time causes drought.

- Geographical location of a place.
- Place located far away from natural water source like river or sea.
- Excessive cutting of trees.

g) Embankments (bunds) are built especially near residential areas to stop flow of flood water in .

h) Planting more and more trees is known as Afforestation.

i) **Floods**

Trees should be planted along the river banks and hill sides to control flow of water.

Need to build embankments (bunds) especially near residential areas.

Drought

- **To grow and nurture trees.**
- **Improves Rainfall.**
- **Practice of saving rainwater and storing it in underground reservoirs.**
- **Helps in maintaining and to raise the underground water level .**

j) **Preparedness to deal with a natural calamity includes:**

- **Spreading awareness about natural calamity.**
- **Putting in place the early warning systems for calamities.**
- **Organizing help and rescue operations during their occurrence.**
- **Looking after the injured and homeless.**
- **Passing on safety instructions and any other information with the help of modern means of communication.**
- **Following advice and instruction of rescue team.**
- **Helping NGO's.**

SERVICE BEFORE SELF

Social Science

1. Multiple Choice Questions:

- (a) The British traded with India through East India Company.
- (b) The Revolt of 1857 began after soldiers refused to use greased cartridges.
- (c) After the Revolt of 1857, the administration of India was taken over by British Government.
- (d) The first session of Congress was held in Bombay. (e) BalGangadhar Tilak was a radical.

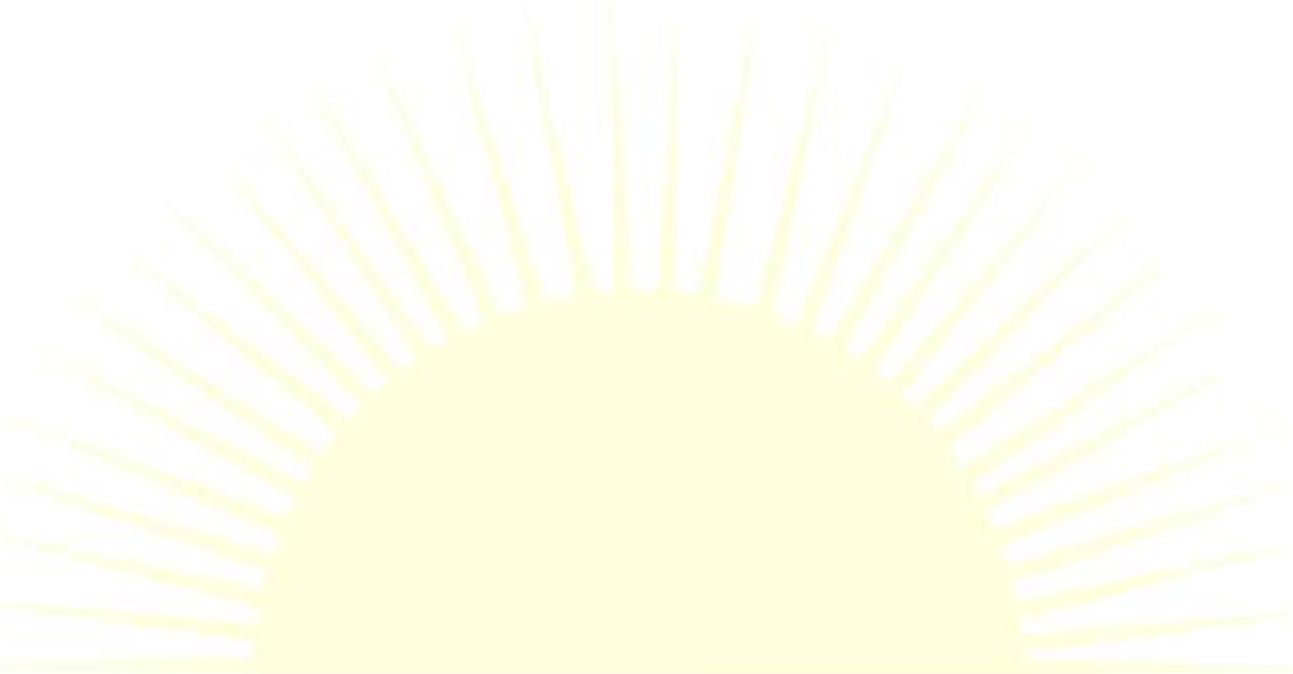
2. Very Short Answer Questions:

- (a) The Portuguese were the first Europeans to come to India for trade.
- (b) The British forced farmers to grow crops such as indigo and cotton.
- (c) The Revolt of 1857 is also called the first war of Indian independence.
- (d) Soldiers declared Bahadur Shah Zafar as the leader of the revolt.
- (e) The Indian National Congress was founded in 1885 by Allan Octavian Hume.

3. Short Answer Questions:

- (a) Initially, the British came to India only for trade. But soon they realized the need to establish their rule over Indian territories. They took advantage of the lack of unity among Indian rulers, won battles of Plassey and Buxar and extended their rule to large parts of the country.
- (b) Farmers were unhappy with the British because of the high taxes they were made to pay. Many farmers lost their lands as they were not able to pay the taxes during flood and drought. Their resentment increased after the British began forcing them to grow crops such as indigo and cotton.
- (c) There were many reasons for the failure.
 - i. It had not spread to all parts of India and there were many Indian rulers who did not support it.
 - ii. The rebellions did not have sufficient funds and good weapons. The English soldiers were well organized and had money as well as modern weapons.
- (d) The British were exploiting India and its resources by keeping the country poor and backward. This realization united the Indians against the British. Slowly this feeling of unity and nationalism grew stronger and led to the birth of the Indian National Congress (INC) in 1885. An Englishman called Allan Octavian Hume founded the INC.

(e) Moderates were the leaders of INC in its early years. They took many steps to awaken the spirit of unity among the Indians. They wrote articles and gave speeches criticizing British policies and actions. Some of them such as Surendranath Banerjee and Gopal Krishna Gokahle submitted requests for reform to the British.



SERVICE BEFORE SELF