Lesson Plan Computer Session (2024-2025)

class 1

April

No. of teaching days= 19

Topic: Natural and man-made things

No. of days required to complete the topic: 3

 L-1 Natural and man-made things

Learning Outcomes

1) Knowledge Objective:

Students will be able to identify natural and man-made things.

2) Understanding objective:

Students will able to distinguish between natural and man-made things and also differentiate between things and machines.

3) Application objective:

Students will understand about different types of machines

4) Skill Objective:

Students will be able to list the benefits of machine.

Previous Knowledge Testing

Students will be asked about: what are machines? What is computer?

Have they seen computer anywhere? What are the major parts of computer?

Teaching aide: Chalk, Duster, Board, Books Computer lab.

Pedagogical Strategies:

The teacher will explain natural and man-made things and what is the difference between them and also differentiate between things machines and describe different types of machines and list the

benefits of machines. Lesson will be read by students. New words will be underlined.

Experential Learning:

The students will be given activity: Name the

machines and paste their picture that you use in our daily life to do

Certain task on A4 or coloured sheets.

Art Integration

with the help of teacher, The students take a round of our school. and find out the names of the different machines that help you to any task in the school. The students will get know practically about natural and Man-made things and about. manual and automatic machines.

Interdisciplinary Linkages and infusion of Life skills

Students will be able to know about that What are the benefits of machine and the types of machine and also they and differentiate between things machines. Students also learn that how some machines are used in our daily life like we use a fridge to store food and drinks, we use washing machine to wash our clothes, we use mixer to mix and grind, we watch many programs, cartoons and games on a T.V .

Recapitulation → will be done. Oral revision will be given.

Resources including ICT (Information and Communication Technology)→

eBooks, Books.

Internet: https:// youtube 16A - PAM0244 https:// youtube / tuG Nu 8 zr 570

Assessment Items :

To check the conceptual clarity of various types of assessments will be done.

Exercises in the computer book will be done.

Feedback and Remedial Teaching:

Students will be asked to learn, different Uses of computer and different type of computer in computer lab practically.

Inclusive Practices and Full Participation without discrimination.

* Reading Books.

* Watching videos Collaboration.

* Group Discussion.

May

No. of teaching days= 25

Topic: Computer: A machine

No. of days required to complete the topic: 4

L-2 Computer: A Machine

Learning Outcomes

1) Knowledge Objective: Students will be able to learn about definition of computer.

2) Understanding objective: Students will be able to learn the features of computer.

3) Application Objective: Students will be able to learn that what tasks that can be done on a computer.

4) Skill objective: Students will be able to learn about that what we can do on a computer.

Previous knowledge Testing: Students will be asked that computer is a machine or man-made thing, and it is an automatic machine or manual machine.

Teaching aids: Chalk, Duster board, Books, computer lab.

Pedagogical Strategies:

The teacher will explain about the definition of computer and list the features of computer and also explain about the tasks that can be done. on a computer and also explain about different computers that are commonly used new a days. [c. Desktop Computer, laptop and smartphone and explain about portable computers.

<u>Experential Learning:</u>

The students will be given a activity of draw and colour a computer and a laptop and distinguish between them as laptop is portable laptop is portable computer but desktop computer is not.

<u>Art Integration:</u>

With the help of teacher, the students go to the computer laboratory and count how many computers are there and also notice. other machines like laptop, printer, and smartphone in computer laboratory and try to guess their names and also ask their Uses from them.

<u>Interdisciplinary Linkages and infusion of Life skills</u>:

Students will able to learn definition of computer and What are the features of computer and also learn about the tasks that can be done on a computer like playing games, doing calculations, typing stories, drawing and colouring pictures and listening to music. They also learn about different types of computers that are used now commonly used like desktop computer, laptop, and smartphone and also they learn about portable computer.

<u>Recapitulation:</u> will be done. Oral revision will be given.

<u>Resources including ICT (Information and communication Technology)</u>

eBook, book.

-internet →
https://www.youtube.com/watch?v=jj7xwtePkmw&pp=ygUSY29tcHV0ZXIgYSBtYWNoaW5l

<u>Assessment Items:</u> To check the conceptual clarity various types of assessments be done.

Exercises in the computer book will be done.

<u>Feedback and Remedial Teaching:</u>

Students will be asked to learn different uses or tasks that can be ons, perform on computer and different sing types of computer that are commonly used now a days practically.

<u>Inclusive Practices and full participation without discrimination:</u>

* Reading Books

* Watching videos

* Collaboration

* Group Discussion.

<u>July</u>

No. of Teaching days: 18

<u>Topic: Uses of & computer</u>

No. of days required to complete the topic: 2

L-3 Uses of a computer

<u>Learning Outcomes</u>

<u>1) knowledge:</u> Students will be able to Computer learn about different uses of a computer.

<u>2) Understanding objections:</u> Students will be able to learn different computer programmes used for different purposes.

<u>3) Application objective</u>: Students will learn how it is used on computer, how stories typed on computer.

<u>4)skill objective</u>: Students will be able to learn about what we can do on a computer.

<u>Previous knowledge testing</u>

Students will be asked to about what tasks they can perform in computer.

<u>Teaching aids:</u> Chalk, Duster, Board, Books computer lab.

<u>Pedagogical Strategies</u>

Teacher will explain about computer is an intelligent machine. It helps us to do tasks with high speed and great accuracy. We can play games, watch cartoons and movies, listen to music, type stories and letters, draw and Paint, doing calculations, chatting with friends using Facebook, messengers and Snapchat and Whats App also make video calls.

Experential Learning: The students will be given an activity of observing the uses of a computer and draw one use of computer and colour it on A4 size sheet.

Art Integration: with the help of teacher, the students will identify the activity and write one sentence about that activity and also discuss about some places where they have seen computers being used.

Interdisciplinary Linkages and infusion of Life skills:

Students will be able to learn that computer is an intelligent, and it helps us to do many tasks with high speed and great accuracy. They learn that a monitor is a computer that displays visuals. Students can do many things on a computer such as play games, Watch movies, listen to music, draw and colour pictures.

Recapitulation: will be done. Oral revision will be given.

Resources including ICT information and communication Technology)

eBook, Book

internet: https://www.youtube.com/watch?v=pJf9bx8rH94   `

Assessment Items: To check the conceptual clarity various types of assessments will be done.

Exercises in the computer Book will be done.

Feedback and Remedial Teaching:

Students will be tasked What are the various uses of computer and show them practically in computer lab how the computer is used for different purposes.

Inclusive Practices and full participation without discrimination:

* Reading Books

* Watching Videos

* Collaboration

* Group Discussion

August

No. of teaching days: 24

<u>Topic: Main parts of a computer</u>

No. of days required to complete the topic: 4

<u>L-4 Main parts of a computer</u>

Learning Outcomes

1) <u>knowledge Objective:</u> Students will be able to learn about the main parts of computer.

2) <u>Understanding objective:</u> Students will be able to learn about the functions of the different parts of a computer.

3) <u>Application Objective:</u> Students will be able to learn that how each part of a computer works practically.

4) <u>skill objective</u>: Students will be able to learn about that a computer can perform many tasks at a time.

<u>Previous knowledge Testing.</u>

Students will be asked about different uses of computer and name some computer programs.

<u>Teaching aids</u>: Chalk Duster, Board, Books, Computer lab.

<u>Pedagogical Strategies</u>

Teacher will explain about the main parts of a computer. They also learn that a computer can perform many tasks at a time. A Computer has many parts they help the computer to perform all the tasks. They also learn the functions of different parts of a computer.

<u>Experiental learning:</u> Students will be given an activity of collect or draw the pictures of the main parts of computer and colour it and name them on A4 sheet.

<u>Art Integration:</u>

with the help of teacher, the students visit the computer Laboratory and count the number of computers and also try to hold the mouse

and press key on the keyboard and also discuss the functions of the main parts of a computer and also recognise them.

Interdisciplinary Linkages and infusion of Life Skills

students will able to learn about the main parts of a computer i.e. Monitor, CPU, Mouse, Keyboard. These parts of a computer work together to complete all the tasks. Each part has a specific function in the working of a computer. Computer can perform many tasks at a time. They also learn What is the difference between LCD monitor and CRT monitor.

Recapitulation: will be done. Oral revision will be given.

Resources including ICT/ information and communication Technology)

eBook, Book.

Internet: https://www.youtube.com/watch?v=zh10mJEOjJ4

Assessment Items:

To check the conceptual clarity various types of assessments will be done.

Exercises in the computer book will be done.

Feedback and Remedial Testing

Students in the Computer lab will be asked what are the main parts of computer, name them and show them.

Inclusive Practices and full participation without discrimination:
*Reading Books

* Watching Videos

* collaboration

* Group Discussion

September

No. of Teaching Days : 23

Revision of whole syllabus of term 1.