



BHAVAN'S
BHAGWANDAS PUROHIT VIDYA MANDIR, NAGPUR
CURRICULUM PLAN (2023-24)

STD: VII
SUBJECT : SCIENCE

Smt. Anju Bhatnani Principal Bhavan's B. P. Vidya Mandir, Civil lines, Nagpur	Smt. Nirupama Padmaraj Principal Bhavan's B. P. Vidya Mandir, Srikrishna Nagar, Nagpur	Smt. Vandana Bisen Principal Bhavan's B. P. Vidya Mandir, Ashti, Nagpur	Smt. Parwati G. Iyer Principal Bhavan's B. P. Vidya Mandir, Trimurti Nagar, Nagpur	Ms. Sabani Bose Principal Bhavan's B. P. Vidya Mandir, Koradi, Nagpur	Smt. Raji Srinivasan Principal Bhavan's B. P. Vidya Mandir, Chinbhuvan, Nagpur	Smt. Janaki Mami Principal Bhavan's NTPC Vidya Mandir Mouda	Ms. Kirti Mishra Principal Bhavan's Lloyds Vidya Niketan, Wardha
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Smt. Annapoorni Shastri
Director
Bharatiya Vidya Bhavan
Nagpur Kendra, Nagpur

BHAVAN'S B.P. VIDYA MANDIR, NAGPUR
CURRICULUM PLAN
SESSION -2023-2024
SUBJECT: - SCIENCE
STD : VII

MONTH	WEEKLY DATES / NO. OF DAYS	NAME OF THE CHAPTERS	TOPICS	NO.OF PERIODS	ACTIVITIES/SMART CLASS MODULES	LEARNING OUTCOME/ SUSTAINABLE DEVELOPMENT GOALS/ SKILLS ASSESSED	ASSIGNMENTS	ASSESSMENT TOOLS/ EVALUATION SCHEDULE
June'23& July'23	26 - 30 June (4 days) 1-5 July (4 days)	CH 1:Nutrition in plants	1.1 Mode of nutrition in plant 1.2 Photosynthesis 1.3 Other modes of nutrition in plant 1.4 Saprophytes 1.5 How nutrients are replenished in the soil Exercises	3 3 2	Modules:- 1.Photosynthesis 2. Heterotrophic nutrition in plants 3. Nitrogen fixation in leguminous plants 4. Insectivorous plants	Students will be able 1. To define nutrition in plants 2. To compare different modes of nutrition . 3. State the Importance of fungus. 4. To promote sustainable agriculture encouraging organic farming	Question & answers will be discussed and given as home assignment & relevant diagram practice will be given.	
					SDG Activities: 1. Children will plant the sapling and use manure to grow it. They will observe the growth of the plant and analyse the soil quality. (Texture – Dry, wet, airy, lump free) and understand the benefit of using manure over chemical fertilizers. 2. Visit to an organic farm	Skills Developed: Critical thinking, Problem Solving, Decision making		

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July'23	6 & 7 July (2 days) 10 to15 & 17& 18 July (8 days)	CH:2 Nutrition in animals	2.1 Different ways of taking food 2.2 Digestion in humans 2.3 Digestion in grass eating animals 2.4 Feeding and digestion in amoeba Exercises	5	Activities: Students will show the growth of fungi on bread. Modules: 1. Food for animals 2. Nutrition in animals 3. Nutrition of different organisms SDG Activities: 1. Students will get a nutritious food item (Salad, Staple food) of different states and note down their nutritional values 2. They will compare the values with packed food and processed food and prepare a report.	Students will be able to 1. Differentiate the process of nutrition in animals like Humans,Ruminants and Amoeba. 2. To ensure healthy lives and promote well being at all ages 3. Prevention of life style diseases such as diabetes, thyroid etc. Which is seen in all age groups during post-COVID Skills Developed: Critical Thinking, Social & Cross cultural interaction, Collaboration	Question & answers will be discussed and given as home assignment & relevant diagram practice will be given.	

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July '23	19-22 July (4 days) 24 - 28 & 31 July (6 days)	CH:3 Heat	3.1 Hot and cold 3.2 Measuring temperature 3.3 Lab thermometer 3.4 Transfer of heat 3.5 Kinds of clothes we wear in summer and winter Exercises	5 2 2 1	<p>Activities:</p> <ol style="list-style-type: none"> Students will measure the temperature of water using lab thermometer at room temp and Boiling water The teacher will demonstrate the flow of heat through a metal strip (Conduction). The teacher will demonstrate the convection of heat in water using $KMnO_4$. <p>Modules: Application of conduction, convection & radiation</p> <p>SDG Activities:</p> <ol style="list-style-type: none"> Students will make a comparative report on climatic changes of their states in relation to past 10 years & today. Make a bar graph on the data collected. Preventive measures such as: planting of trees, alternative sources of energy, reduce energy consumption, etc for global warming will be discussed. 	<p>Students will be able:</p> <ol style="list-style-type: none"> To know the concepts of heat and temperature. To distinguish between lab thermometers and clinical thermometers. To understand different modes of heat transfer. To develop awareness and sensitize students towards the adverse effects of global warming and their preventive measures. <p>Skills Developed :</p> <p>Scientific literacy, Critical Thinking & Problem Solving</p>	Question & answers will be discussed and given as home assignment & relevant diagram practice will be given	

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August'23	1 - 5 Aug (5 days) 7 - 11 & 14 Aug (6 days)	CH:4 Acids, bases ,salts	4.1 Acids and bases 4.2 Natural indicators around us 4.3 Neutralisation 4.4 Neutralisation in everyday life Exercises	4 2 2 3	Activities:- 1.To test the acids and bases using different indicators 2.The teacher will demonstrate the process of neutralisation. Modules : 1..Indicators in every day life. 2.Neutralisation in everyday life.	Students will be able: 1. To enlist the properties of acids, bases and salts. 2. To analyse the Role of indicators 3.To categorise materials from the surroundings into acids and bases (experiential learning).	Question & answers will be discussed and given as home assignment & relevant diagram practice will be given	
August'23	17-19 August (3 days) 21-26 August (6 days) 28 & 29 August (2 days)	CH :5 Physical and chemical changes	5.1 Physical changes 5.2 Chemical changes 5.3 Rusting of iron 5.4 Crystallisation Exercises	4 2 1	Activities:- 1. Activities to show physical & chemical changes 2. The teacher will demonstrate how to prepare the crystals of copper sulphate. Modules: 1. Rust 2. concepts of Crystallisation 3. Crystallisation	Students are able: 1. To differentiate between physical and chemical changes. 2. To examine the properties of physical and chemical changes.	Question & answers will be discussed and given as home assignment & relevant diagram practice will be given.	PERIODIC TEST 1 : 21.08.2023 3 Chapters = 20 M Ch : 1 = 6m Ch : 2 = 7m Ch : 3 = 7m

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August '23 & September' 23	31 Aug (1 day) 1 - 16 Sept (11 days)	Ch:6 Respiration in organisms	6.1 Why do we respire ? 6.2 Breathing 6.3 How do we breathe? 6.4 What do we breathe out? 6.5 Breathing in other animals 6.6 Breathing under water 6.7 Do plants also respire ? Exercises	5 5 2	Activities:- Experiments to find the effect of exhaled air in lime water will be done by students in laboratory. (Experiential learning) Modules:- To show the mechanism of breathing and Respiration.	Students will be able: 1. To compare the difference between respiration and breathing 2. To think critically on mechanism of breathing in human beings and other animals. 3. To analyse the difference between respiration in plants and animals. Skills Developed : Critical Thinking, Analytical skill	Questions & answers will be discussed and given as home assignment & relevant diagram practice will be given.	
PORTION COMPLETION - 18TH SEPTEMBER '23								
REVISION - 22ND - 26TH SEPTEMBER '23								
TERM - I - 29TH SEPTEMBER '23 - 10TH OCTOBER '23 [PORTION FOR TERM - I : CH. 1 - CH. 6]								

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October'23 & November'23	11- 14 Oct (4 days) 16-20 Oct (5 days) 25- 28Oct (4 days) 30 & 31 Oct (2 days) 1- 4 Nov (4 days)	CH:7 Transportation in animals & plants	7.1 Circulatory system 7.2 Excretion in animals 7.3 Transport of substances in plants Exercises	5 4 6 4	Activities:- 1. Students will count pulse rate. Modules: 1. The blood vessels 2. Human heart 3. Excretory system. 4. Transportation of water. 5. The transportation of water through cells.	Students will be able: 1. To explain the working of heart and circulatory system. 2. To state the importance of transportation in plants and animals. Skills Developed:	Question & answers will be discussed and given as home assignment & relevant diagram practice will be given.	
November'23 & December'23	6- 9 Nov (4 days)	CH:8 Reproduction in plants	8.1 Modes of reproduction & Asexual Reproduction	5		Observational Skill, Scientific Literacy		
Diwali Vacations (10th November to 22nd November 2023)								
November'23 & December'23	23 - 25 Nov (3 days) 28 - 30 Nov (3 days) 1 & 2 Dec (2 days) 4 - 8 Dec (5 days)		Continue - Asexual Reproduction 8.2 Sexual reproduction 8.3 Fruits and seed formation 8.4 Seed dispersal Exercises	5 4 3	Activities:- 1. To study the slides of yeast and spirogyra (Experiential Learning). 2. The reproductive parts of flower by section cutting will be observed by students. Modules: 1. Vegetative propogation 2. Sexual reproduction in plants 3. Dispersal of seeds.	Students will be able: 1. To analyse the modes of reproduction in plants. 2. To illustrate about sexual reproduction, fruit formation and seed dispersal. Skills Developed: Observational Skill, Analytical Skill	Question & answers will be discussed and given as home assignment & relevant diagram practice will be given.	

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December'23	11-16 Dec (6 days) 18-23Dec (6 days) 26-30 Dec (5 days)	Ch:9 Motion and Time	9.1 Slow or fast 9.2 Speed 9.3 Measurement of time 9.4 Measuring speed 9.5 Distance time graph Exercises	2 2 4 3 3 3	Activities:- Students will plot distance time graph. MARK: The teacher will demonstrate how to calculate time period using a simple pendulum. Modules: 1.Types of clock 2.Types of motions	Students will be able: 1. To define and calculate speed of different objects. 2. To plot distance time graph. 3. To calculate speed from the graph. Skills Developed: Analytical Skills, Observation, Calculation	Question & answers will be discussed and given as home assignment & relevant diagram practice will be given.	
January'24	1 - 6 Jan (6 days) 8-13 Jan (6 days) 16 - 20 Jan (5 days) 22 - 25 Jan (4 days)	CH:10 Electric current and its effects	10.1 Symbols of electric component 10.2 Heating effect of electric current 10.3 Magnetic effect of Electric current 10.4 Electromagnet 10.5 Electric cell Exercise	5 5 6 3 2	Activities:- 1.To set up an electric circuit, 2. To demonstrate the heating effect of electric current. Modules: 1.Fuse and earthing 2. Electric circuit.	Students will be able: 1. To explain the concepts of heating and magnetic effect of electric current . 2. To apply the concept in day to day life. Skills Developed: Creativity, Application, Observational Skill	Question & answers will be discussed and given as home assignment & relevant diagram practice will be given.	PERIODIC TEST 2: 19.01.2024 3 Chapters= 20 M Ch : 7 = 7m Ch : 8 = 7m Ch: 9 = 6m

MONTH	WEEKLY DATES / NO. OF DAYS	NAME OF THE CHAPTERS	TOPICS	NO. OF PERIODS	ACTIVITIES/SMART CLASSMODULES	LEARNING OUTCOME/ SUSTAINABLE DEVELOPMENT GOALS/ SKILLS ASSESSED	ASSIGNMENTS	ASSESSMENT TOOLS/ EVALUATION SCHEDULE
January'24 & February'24	27, 29 – 31 Jan (4 days) 1 – 3 Feb (3 days) 5 – 9 Feb (5 days) 12 – 17 Feb (6 days)	CH:11 Light	11.1 Light travels along a straight line 11.2 Reflection of light 11.3 Right or left 11.4 Playing with spherical mirrors 11.5 Images formed by lenses 11.6 Sunlight – white or coloured? Exercises	4 3 3 4 4	Activities:- 1. Reflection of light from a) concave mirror b) convex mirror c) concave lens d) convex lens WARK The teacher will demonstrate the dispersion of light using a prism. SUBJECT ENRICHMENT ACTIVITY: Students will prepare a chart showing lenses and mirrors to understand their uses and properties. Modules: 1. Images formed by concave mirrors. 2. Images formed by convex mirror. 3. Colours of light	Students will be able: 1. To differentiate between lens and mirror. 2. To enlist their uses. 3. To inspect dispersion of light. Skills Developed : Creativity, Scientific Temperament, Application	Question & answers will be discussed and given as home assignment & relevant diagram practice will be given.	



Ashu (cm)

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Smt. Nirupama Padmaraj
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Smt. Vandana Bisen
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Ms. Sarbani Bose
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Smt. Raji Srinivasan
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Smt. Janaki Mani
Principal
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Mouda

Ms. Kirti Mishra
Principal
Bhavan's Lloyds
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Wardha

(Signature)

(Signature)

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Smt. Annapoorni Shastri

Director

Bharatiya Vidya Bhavan
Nagpur Kendra.
Nagpur

BHAVAN'S B.P.VIDYA MANDIR,NAGPUR.

SESSION 2023-2024

STD.: VII

LIST OF TEACHERS

SR NO	NAME OF TEACHER	BRANCH	CONTACT NO.	SIGNATURE
1	Smt. Vijaya Pawar	Civil Lines	9923323183	<i>Vijaya</i> 8/5/23
2	Smt. Subani Chuckerbutty	Civil Lines	9423405718	<i>Subani</i> 08/05/2023
3	Smt. Nita Mukherjee	Civil Lines	9373111781	<i>Nita</i> 08/05/2023
4	Smt. Shilpi Dutta	Civil Lines	9225211250	<i>Shilpi</i> 08/05/2023
5	Smt. Rita Tayde	SKN	9284717552	<i>Rita</i>
6	Smt. Nimisha Rathi	SKN	7387308858	<i>Nimisha</i>
7	Smt. Pooja Madhan	SKN	9860127504	<i>Pooja</i>
8	Smt. Archana Sarkar	SKN	8830584571	<i>Archana</i>
9	Smt. Neha Gaurihar	SKN	9923860158	<i>Neha</i>
10	Shri. Yogiraj Tarone	SKN	950324949	
11	Smt. Vijaya Patil	Ashti	9503310102	<i>Vijaya</i>
12	Smt. Binu George	Ashti	9326439038	<i>Binu</i>
13	Smt. Manisha Borikar	Ashti	9960043078	<i>Manisha</i> 8/5/23
14	Smt. Neetu Gaikwad	Ashti	9765570209	
15	Smt. Malathi Rao	Ashti	9049940933	<i>Malathi</i>
16	Smt. Kavita Dashasahastra	TN	9325398918	<i>Kavita</i>
17	Ms. Shibanaz Khan	TN	8007384786	<i>Shibanaz</i> 8/5/23
18	Smt. NayanaSoholkar	TN	9922925970	<i>Nayana</i> 8/5/23
19	Ms. Mamta Gore	TN	8888848776	<i>Mamta</i> 8/5/23
20	Smt. Pooja Bhagat	Koradi	7768826637	<i>Pooja</i>
21	Smt. Sneha Mishra	Koradi	9960213200	<i>Sneha</i> 8/5/23
22	Ms. Sheryil Mavilayil	Koradi	7276549751	<i>Sheryil</i>
23	Ms. Shivani Yadav	Chinchbhuvan	8483905001	<i>Shivani</i>
24	Smt. Bharati Rewatkar	Chinchbhuvan	9970285219	<i>Bharati</i>
25	Smt. Sneha R. Hampiholi	NTPC Mouda	7448187006	<i>Sneha</i>
26	Ms. Neelam Singh	NTPC Mouda	7972615092	<i>Neelam</i>
27	Shri. Ashish Gujarkar	Llyods Wardha	9518546373	<i>Ashish</i>
28	Ms. Madhusima Mukherjee	NTPC Mouda	9511200369	<i>Madhusima</i>

BHAVAN'S B.P. VIDYA MANDIR, NAGPUR
SESSION 2023-24
STD-VII
SUB : SCIENCE
CHAPTERWISE WEIGHTAGE (HALF YEARLY EXAM)

CHAP NO	NAME OF CHAPTER	OBJECTIVE	SUBJECTIVE	TOTAL
1	Nutrition in plants	4	10	14
2	Nutrition in animals	3	10	13
3	Heat	3	9	12
4	Acids, Bases and salts	4	11	15
5	Physical and chemical changes	3	9	12
6	Respiration in organisms	3	11	14
TOTAL		20	60	80

CHAPTER WISE WEIGHTAGE (ANNUAL EXAM)

CHAP. NO	NAME OF CHAPTER	OBJECTIVE	SUBJECTIVE	TOTAL
1	Nutrition in plants (Photosynthesis) (1.2)	-	2	2
2	Nutrition in animals (Digestion in humans) (2.2)	-	2	2
4	Acids, bases and salts	2	4	6
6	Respiration in organisms	2	4	6
7	Transportation in animals and plants	3	6	9
8	Reproduction in plants	3	7	10
9	Motion and time	2	6	8
10	Electric current and its effects	2	9	11
11	Light	2	8	10
12	Forests : Our lifeline	2	6	8
13	Wastewater story	2	6	8
TOTAL		20	60	80

PORTION COMPLETION - 15TH MARCH '24	
REVISION FOR ANNUAL EXAM - 16TH MARCH '24 ONWARDS	
TENTATIVE TERM - II - 30TH MARCH'24 TO 10TH APRIL'24 [PORTION FOR TERM - II : CH. 7 - CH. 13 + 20% OF TERM - I SYLLABUS]	

Note: - Ch.1 Nutrition in plants (1.2 Photosynthesis) - 2 M
Ch.2 Nutrition in animals (2.2 Digestion in humans) - 2 M

Ch.4 Acids, bases and salts (Complete chapter) - 6 M
Ch. 6 Respiration in organisms (Complete chapter) - 6 M

Above mentioned chapters and topics are to be included along with Chapter 7- 13 for Annual Exam as these are included in Std. X.

Abhineet	Su	N. Gaur	Rishi	Bose	Kaj	Smt. Janaki Moini	Xin
Smt. Anju Bhutani Principal Bhawan's B.P. Vidya Mandir Civil Lines, Nagpur	Smt. Nirupama Padmaraj Principal Bhawan's B.P. Vidya Mandir Srikrishna Nagar, Nagpur	Smt. Vandana Biser Principal Bhawan's B.P. Vidya Mandir, Ashti, Nagpur	Smt. Parwati G. Pye Principal Bhawan's B.P. Vidya Mandir, Trimurti Nagar Nagpur	Ms. Saebani Bose Principal Bhawan's B.P. Vidya Mandir, Koradi, Nagpur	Smt. Raji Shivaram Principal Bhawan's B.P. Vidya Mandir, Chinbhuswan, Nagpur	Smt. Janaki Moini Principal Bhawan's NTPE Vidya Mandir, Munda	Ms. Kirti Mishra Principal Bhawan's Lloyds Vidya Niketan, Wardha

/s/

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February'24 & March'24	20 - 24 Feb (5 days) 26 - 29 Feb (4 days) 1 - 2 Mar (2 days)	CH:12 Forests :Our lifeline	12.1 Visit to a forest Exercises	6 5	Activities:- 1.Students will identify various items in their home made out of forest products. ART INTEGRATED ACTIVITY(EK BHARAT SHRESHTHA BHARAT) Making a portfolio of Sikkim showing physical features, flora-fauna, biodiversity, products obtained from forest, Heritage and culture.	Students will be able: 1.To identify forests as a natural resource & a dynamic living entity. 2. To acquire knowledge about biodiversity of Sikkim. Skills Developed : Observational Skill, Identification, Creativity Collaboration, Creativity	Question & answers will be discussed and given as home assignment & relevant diagram practice will be given.	
March'24	4 - 7 March (4 days) 11 - 15 March (5 days)	CH:13 Waste water story	13.1 Water - Our lifeline 13.2 What is sewage? 13.3 Water freshens up - An eventful journey. 13.4 WWTP 13.5 Better housekeeping practices 13.6 Sanitation & disease. 13.7 Alternative arrangement for sewage disposal. 13.8 Sanitation in public places. Exercises	3 3 3	SDG ACTIVITY: Children will make a model of filtration process to demonstrate the purification of water. Modules: Steps involved in treatment of waste water.	Students will be able: 1.To explain the functioning of WWTP. 2.To scrutinize the relation between sanitation and diseases. 3. To identify and list the various methods of water purification. 4. To co-relate the importance of clean water for a diseases free life. Skills Developed : Scientific Temperament, Social awareness, Problem Solving	Question & answers will be discussed and given as home assignment & relevant diagram practice will be given.	



Subject: SCIENCE

Class: VII

Topic: CH.4) Acids, Bases and Salts

Sub-topic: Categorizing materials from the surroundings into acids & bases on the basis of their properties.

Nature of Task: Post Content (Individual)

Task: Collection and classification of materials as Acids & Bases.

Skills Assessed: Knowledge, Scientific, Experimental

Learning Objectives: ① To enhance ability to differentiate between acids and bases. ② To identify properties of Acids and Bases. ③ To improve practical skills and scientific temperament. ④ To encourage experiential learning.

* Life skills :- Self-awareness, Critical thinking, and decision making.

Procedure: ① Teacher will brief the students about the activity. ② Students will study and understand the properties of acids and bases. ③ Students will identify certain things/materials from their everyday life/surroundings. ④ They will classify them as acids and bases on the basis of their properties and categorize them systematically. ⑤ They can even take the guidance and important tips from their teacher to improve their knowledge.



Assessment Criteria: Students will be assessed on the basis of their knowledge, scientific temperament, experimental skills and decision making ability.

Duration of the Task: 1 week

Follow up / Feedback: ① Teacher will guide the students who are unable to complete their task.
② Teacher will keep a record of their timely submission.

Assessment Rubric:

1) Content	- 02 M
2) Knowledge	- 01 M
3) Critical Thinking	- 01 M
4) Experimental skills	- 01 M
Total	- <u>05</u> Marks

Subject Coordinator's: Name and Signature

CL : Smt. Subani Chuckerbutty Subani

ASHTI: Ms. Binu George Binu

KORADI: Ms. Shreyil Mavilayil

(SMT. ANJU BHUTANI)
PRINCIPAL
BVM, CL

(SMT. NIRUPAMA PADMARAJ)
PRINCIPAL
BVM, SKN

(SMT. VANDANA BISEN)
PRINCIPAL
BVM, ASHTI

Parvati
11/5/23
(SMT. PARWATI G. IYER)
PRINCIPAL
BVM, TRMN

Bose
(MS. SARBANI BOSE)
PRINCIPAL
BVM, KORADI

Raj
(SMT. RAJ SRINIVASAN)
PRINCIPAL
BVM, CHB

WARDHA: Shri. Ashish Gujarkar

MOUDA: Ms. Neelam Singh

SKN: Smt. Nimisha Rath

TMN: Smt. Nayana Sohalkar

CHB: Ms. Shivani Yadav



Subject: SCIENCE

Class: VII

Topic: CH. 11) Light

Sub-topic: Chart making to show lens & Mirror along with their characteristics, properties and uses.

Nature of Task: Post Content (Individual)

Task: Chart making to study lenses and Mirrors.

Skills Assessed: Scientific temperament, knowledge, Presentation

Learning Objectives: Students will be able - ① To classify lenses and mirrors on the basis of their characteristic properties, ② To obtain the information about images formed with respect to their distances and sizes, ③ to differentiate between real and virtual images and ④ to use different types of lenses and mirrors.

* Life Skills :- Critical and Creative thinking.

Procedure: ① Teacher will brief the students about the activity. ② Students will study and understand the characteristic properties of lenses and mirrors and their uses in everyday life. ③ They will use charts and different colour pens for this activity. ④ They can also use pictures or decorative materials to show their creativity. ⑤ They can even take the guidance and important tips from their Art - Education teacher to improve their presentation skills.



Assessment Criteria: Students will be assessed on the basis of their knowledge, scientific temperament, presentation, critical and creative skills.

Duration of the Task: 1 week

Follow up / Feedback: ① Teacher will guide the students who are unable to complete their task.
② Teacher will keep a record of their timely submission.

Assessment Rubric:	1) Content	- 02 M
	2) Knowledge	- 01 M
	3) Presentation	- 01 M
	4) Accuracy	- 01 M
	<u>Total</u>	<u>- (05) Marks.</u>

Subject Coordinator's: Name and Signature
CL : Smt. Subani Chuckerbutty
ASHTI: Smt. Binu George
KORADI: Ms. Shreyal Mavilayil
WARDHAR: Shri. Ashish Gujarakar
MOUDA: Ms. Neelam Singh
SKN: Smt. Nimisha Rathi
TMN: Smt. Nayana Soholkar
CHB: Ms. Shivani Yadav

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Subject: SCIENCE

Class: VII

Topic: CH.12) Forests: Our Lifeline

Sub-topic: Making a Portfolio of Sikkim showing physical features, flora-fauna, biodiversity, products obtained from forest, heritage & Culture.

Nature of Task: Post Content (Group Activity)

Task: Compiling the data collected on Sikkim and making a Portfolio.

Skills Assessed: Creativity, knowledge, presentation, team work, group co-ordination.

Learning Objectives: Students will be able - ① to acquire knowledge about the biodiversity of Sikkim, ② to enhance and sharpen the creative skills, ③ to spread awareness on importance of forest and ④ to learn co-ordination and co-operation.

*Life Skills:- Critical and creative thinking, Effective communication & Interpersonal relationships amongst the peers.

Procedure: ① Teacher will brief the students about the activity. ② Students will study and gather information about physical features, flora-fauna, biodiversity, products obtained from forest, heritage and culture of Sikkim. ③ They can use different coloured chart papers, pens, pictures and various decorative materials. ④ They can even take the guidance and important tips from their Art-Education teacher to improve their presentation skills.



Assessment Criteria: Students will be assessed on the basis of their creativity, knowledge, presentation, team work and group co-ordination.

Duration of the Task: 2 Weeks.

Follow up / Feedback: ① Teacher will guide the students who are unable to complete their task.
② Teacher will keep a record of their timely submission.

Assessment Rubric:	1) Content	- 02 M
	2) Knowledge	- 01 M
	3) Presentation	- 01 M
	4) Team work	- 01 M
	Total	05 Marks

Subject Coordinator's: Name and Signature

CL : Smt. Subani Chuckerbutty

ASHTI: Smt. Binu George

KORADI: Ms. Sheeryil Mavilayil

WARDHA: Shri Ashish Gujarkar

MOUDA: Ms. Neelam Singh

SKN: Smt. Nimisha Rathi

TMN: Smt. Nayana Soholkar

CHB: Ms. Shivani Yadav

(SMT. ANJU BHUTANI)
PRINCIPAL
BVM, CL

(SMT. NIRUPAMA PADMARAJ)
PRINCIPAL
BVM, SKN

(SMT. VANDANA BISEN)
PRINCIPAL
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(SMT. PARWATI G. IYER)
PRINCIPAL
BVM, TRMN

(MS. SARBANI BOSE)
PRINCIPAL
BVM, KORADI

(SMT. RAJI SRINIVASAN)
PRINCIPAL
BVM, CHB



Subject: SCIENCE

Class: VII

Topic: NOTEBOOK ASSESSMENT

Sub-topic: For all chapters

Nature of Task: Post Content

Task: Notebook Submission

Skills Assessed: Regularity, Completion of assignment, Neatness, upkeep of notebook.

Learning Objectives: _____

To assess the way a student writes the answers, draw diagrams, writes Index, overall presentation and timely submission:

Procedure: 1) Write alongside exercises/textual questions, extra questions for each chapter in the notebook.

2) Students will submit their notebooks after the completion of each chapter.



Bhavan's B.P. Vidya Mandir, Nagpur

Art – Integrated Activity/Project/Subject Enrichment (2023-2024)

Assessment Criteria: Neatness, Regularity, Completion of notebook.

Duration of the Task: 1 week per lesson

Follow up / Feedback: Guidance will be provided by the teacher to help the students to complete their work on time.

Assessment Rubric:

1) Completion of notebook	- 2
2) Regularity	- 2
3) Neatness	- 1
	<u>5</u>

Subject Coordinator's: Name and Signature

CL : Smt. Subani Chuckerbutty Subani 08/05/2023

ASHTI: Mrs. Binu George Binu 08/05/2023

KORADI: Sheryil Navilayi Sheryil 08/05/23

Abhutan
(SMT. ANJU BHUTANI)
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Parvati 11/5/23
(SMT. PARWATI G. IYER)
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Bose
(MS. SARBANI BOSE)
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PRINCIPAL
BVM, ASHTI

Raj
(SMT. RAJI SRINIVASAN)
PRINCIPAL
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WARDHA: Ashish Gyankar Ashish 08/05/2023

MOUDA: Ms. Neelam Singh Neelam 08/05/23

SKN: Nimisha Rathi Nimisha 8/5/23

TMN: Nayana Scholkar Nayana 8/5/23

CHB: Shivani Yadav Shivani 8/5/23