

The Daly College, Indore

Summer Holiday H.W for class 9 CBSE (2023)

1. ENGLISH

A student portfolio is a compilation of academic work and other forms of educational evidence assembled for the purpose of (1) evaluating coursework quality, learning progress, and academic achievement; (2) determining whether students have met learning standards or other academic requirements for courses.

A portfolio in the classroom setting is a collection of work that the student has completed over time. It is a **depiction of what the student has learned, and what he/she thinks and feels about what she/he has learnt.**

A student portfolio is a purposeful collection of work samples that **celebrate an individual's successes, strengths, and areas for improvement.**

- Student self-reflection
- Reflections to capture positive learning experiences such as reflections on ASL/ Speech/ Debate/ any specific prose or poem that had an you.

Portfolio Description-Portfolios should contain:

- A reader's preface that includes reflections on the writer's writing / learning experiences.
- An essay that draws on personal experience

Portfolio Format: All pieces submitted in the portfolio should be **2-3 pages in length &, handwritten.**

It is necessary that you choose a focus in order to write your essay. Otherwise, your portfolio essay may be a bit unorganized. Your portfolio is a conclusion of everything you've done over the last year. Think about why you chose the pieces. Was it because it was your best work, or was it because it was an assignment which challenged you?

Write an Introduction

The best way to start an essay is by writing an introduction first. And, unlike most other essays, you can actually write the portfolio essay in the first person. This is essentially a formal version of an about me portfolio page, in which you're both the narrator and the subject. Start your introduction by telling the reader who you are, what your portfolio is centered around (for instance, the name of the course or "My Fifth Grade Year") and offer a little description of what's to come.

If you write three body paragraphs, the first paragraph can discuss what you felt before going into the class or year, such as your worries, concerns and what you were excited about. The second body paragraph can be about certain things you remember learning or doing throughout the year that stuck out to you, while the third paragraph can be a reflection on what you gained from the course and how you've grown because of it. Each of these paragraphs should mention a piece inside your portfolio that's directly related to the content within the paragraph. For example, if you're talking about the concerns you had before starting the year, you can mention a piece you've included that showcases this, perhaps a letter you wrote to yourself on the first day of school.

Portfolio Essay Conclusion

Finally, in order to wrap it all up, you can write your portfolio essay conclusion by discussing your proudest moments and your strengths alongside your desired improvements for the coming year. You can discuss a challenge and how you overcame it, or one of your best achievements from the year. This can be part of your third body paragraph or a separate conclusion.

Holiday Homework Class IX English-2023

1. Project & Research based- Complete Art Integrated Project and submit on Google Classroom by 10 June 2023
https://cbseacademic.nic.in/web_material/Circulars/2023/54_Circular_2023.pdf
2. Subject Enrichment based- Complete the Portfolio and submit on Google Classroom by 10 June 2023
https://cbseacademic.nic.in/web_material/CurriculumMain22/Sec/Curriculum_Sec_2021-22.pdf
https://cbseacademic.nic.in/web_material/Circulars/2019/11_Circular_2019.pdf
The portfolio sheet is attached.
3. Verbal/Oral Presentation- Read any one of the following books or watch any one of the movies and prepare yourself for a discussion in the class during the Book/Movie Club session.
Books- Percy Jackson & The Olympians by Rick Riordan; Brave New World by Aldous Huxley; Like the Flowing River by Paulo Coelho; The Curious Incident of the Dog in the Night-Time by Mark Haddon.

Movies- Harry Potter Series; The Freedom Writers; To Sir, with Love; Dead Poet's Society; The Boy in the Striped Pyjamas; Escape from Sobibor; A Beautiful Mind; Jumanji; Independence Day.

My Portfolio

I am: _____

House No: _____

Studying in in Grade _____ Section:.....

Email Id: _____

Contact No:

Father: _____

Mother: _____ Address: _____

What I understand by portfolio:

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.....

My Goals:

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.....

Reflection on my abilities:

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My Accomplishments/Achievements (If any)

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.....
.....

Development in My Strengths:

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.....

I need to work on

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.....

Reflections on my Learning Experiences

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2. HINDI

- 1) 'सोशल मीडिया के फायदे नुकसान' विषय पर लगभग 100 शब्दों में अनुच्छेद लिखें।
- 2) 'देशभक्ति' विषय पर एक कविता-पोस्टर बनाएँ।
- 3) पर्यावरण संरक्षण के लिए अपने प्रयासों का वर्णन करते हुए अपने छोटे भाई को एक प्रेरक पत्र लिखिए।
- 4) महादेवी वर्मा की कोई कहानी पढ़िए और छुट्टियों के बाद कक्षा में उसपर चर्चा कीजिए।

3. SANSKRIT

Learn and write - अग्नि सूक्तम् (Rigved 1.1.1)
(Available on youtube) and

Research about history of sanskrit Grammar

4. FRENCH

Q.1. Conjuguez les verbes suivants au passé composé et faites les phrases en utilisant chaque verbe.

- a) Finir b) Regarder c) Vouloir d) Etre e) Mettre

Q.2. Conjuguez les verbes suivants au futur simple et faites les phrases en utilisant chaque verbe.

- a) Aller b) Avoir c) Faire d) Prendre e) Parler

Q.3. Conjuguez les verbes suivants au passé récent.

- a) Lire b) Compléter c) Discuter d) Remplir e) Ecouter

Q.4. Conjuguez les verbes suivants au futur proche.

- a) Dire b) Jouer c) Choisir d) Traduire e) Aller

5. MATHEMATICS

1.	Insert any five rational numbers between $\frac{-3}{13}$ and $\frac{9}{13}$.
2.	Express the following in p/q form (i) 0.585585585----- (ii) 0.1233333333333-----.
3.	Find any two Irrational numbers between $\sqrt{16}$ and $\sqrt{25}$.
4.	Visualize 5.345 on number line, using magnification.
5.	Simplify :- $(\sqrt{11} + \sqrt{13}) \times (\sqrt{5} - \sqrt{7})$
6.	Rationalize the following :- (i) $\frac{1}{\sqrt{31}}$ (ii) $\frac{5}{\sqrt{71}}$
7.	Represent $\sqrt{9.3}$ on Number line.
8.	Rationalize :- $\frac{7}{5 + 3\sqrt{7}}$
9.	Simplify :- $\sqrt{625} + \sqrt[3]{27} - \sqrt[4]{256}$
10.	Rationalize :- $\frac{8+\sqrt{7}}{5\sqrt{8}-\sqrt{11}}$

* Write around one paragraph about any INDIAN MATHEMATICIAN .

6. PHYSICS

Level (A) Back to Basics

Q1. Write SI units of the following quantities:

- (i) mass (ii) time (iii) distance (iv) displacement (v) speed (vi) acceleration (vii) force (viii) energy.

Q2. Convert the following

(i) $40\text{cm} = \dots\dots\dots \text{m}$

(ii) $20 \text{ g} = \dots\dots\dots \text{kg}$

(iii) 36 km/h into m/s .

(iv) 1 g/cm^3 in to kg/m^3 .

Q3. Define the following:

(i) Distance (ii) Displacement (iii) Speed (iv) Velocity (v) Acceleration (vi) Uniform motion

Q4. Draw a graph between Distance and Time of a car moving with a constant speed in a straight line.

Q5. Classify the following physical quantities as Scalar and Vector:

Distance, Velocity, Acceleration, Force, Energy, Power, Mass, Displacement

Level (B) Moderate

Q6. Calculate the distance and displacement of a car as it travels along a circular track of radius 14 m and completes:

(i) $\frac{1}{4}$ of the circle

(ii) half the circle

(iii) $\frac{3}{4}$ of the circle

(iv) Four complete rounds of the circle.

Q7. State the necessary condition for distance and displacement to be equal.

Q8. State the necessary condition for the speed of an object to be same as its average speed.

Q9. Distinguish between Distance and Displacement.

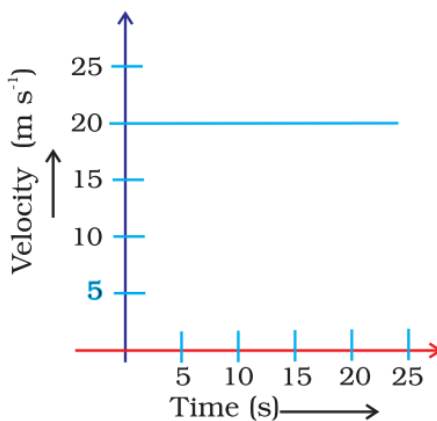
Q10. Distinguish between Speed and Velocity.

Level (C) Higher Order thinking skill

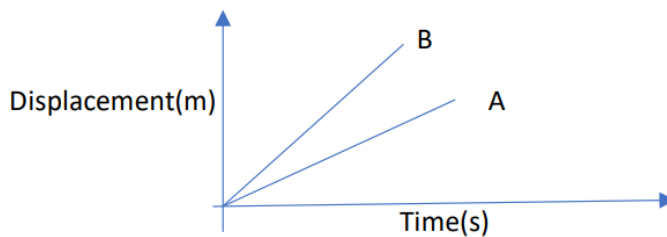
Q11. Find the average speed of a bus which travels for with a speed of 40km/hr for three hours and then travels for another two hours with a speed of 60km/hr .

Q12. A motorcyclist drives from A to B with a uniform speed of 30 km/h and returns back with a speed of 20 km/h . Find its average speed.

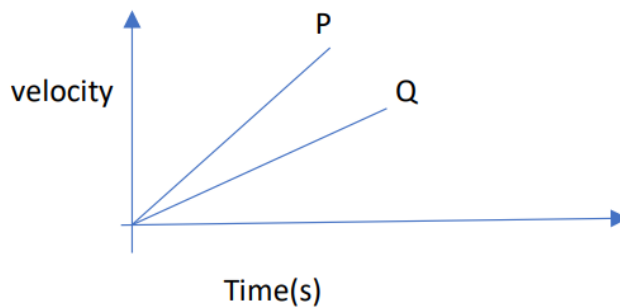
Q13. The velocity-time graph shows the motion of a cyclist. Find (i) its acceleration (ii) its velocity and (iii) the distance covered by the cyclist in 15 seconds



Q14. The displacement -time graph of two cars A and B are as shown. Which car has a greater velocity? Justify your answer.



Q15. The velocity -time graph of two different cars, P and Q, is as shown. Which line P or Q represents the motion of the car with greater acceleration? Justify your answer.



7. CHEMISTRY

Chapter 1 - Matter in our surrounding

1. Camphor is purified by the process of –
a. evaporation b. distillation c. sublimation d. filtration
2. LPG is used in the kitchens in our homes in the-
a. Solid form b. compressed form c. gaseous form d. none.
3. Which of the following is not fluid –
a. water, b. air, c. sand, d. sharbat?
4. On Kelvin scale 0°C is equal to –
a. 273 K b. -273 K c. 0 K d. 100 K
5. SI unit of temperature is –
a. Kelvin b. Celsius c. Fahrenheit d. Pascal
6. Dry ice means –
a. solid SO₂ b. solid water c. solid CO₂ d. solid CO
7. Condensation is a process which involves conversion of –
a. solid into liquid b. liquid into vapour c. vapour into liquid d. liquid into solid
8. During evaporation, the particles of liquid evaporate from –
a. The bulk of liquid b. surface only c. the surface and bulk of liquid d. none of them.
9. Which of the following will not sublime –
a. Camphor b. ammonium chloride c. bromine d. iodine?
10. The states of matter can be changed by changing –
a. Temperature b. pressure c. both (a) and (b) d. none of these.
11. The rate of evaporation does not depend on –
a. Temperature b. humidity c. pressure d. speed of wind.
12. Which of the following is accompanied by cooling –
a. Vaporization b. evaporation c. condensation d. none of these.
13. A bulk phenomenon in which particles from whole of the liquid change into vapour state is called –
a. Boiling b. cooling c. melting d. none of these.
14. The amount of heat energy required to change 1 kg of solid into liquid at its melting point is called –
a. Melting point b. latent heat of fusion c. boiling point d. latent heat of vaporization.
15. The amount of heat energy required to change 1 kg of liquid into solid at its boiling point is called –
a. Melting point b. latent heat of fusion c. boiling point d. latent heat of vaporization.
16. The density of water is _____ than that of ice.
a. More b. less c. equal to d. none.
17. The temperature at which the solid melts to become a liquid at the atmospheric pressure is called –
a. Boiling point b. melting point c. freezing point d. none of these.
18. The temperature at which the vapour pressure of the liquid becomes equal to the atmospheric pressure is called –
a. Boiling point b. melting point c. freezing point d. none of these.
19. Which is not the characteristic of matter –
a. particles of a matter are continuously moving,
b. particles of matter move faster on increasing temperature,
c. particles of matter intermix with each other on their own,
d. Particles of all matters have same kinetic energy.
20. The compressibility of which state of matter is high –
a. Solid b. liquid c. gas d. all of these.
21. Which of the following is the simplest form of matter –
a. Element b. mixture c. compound d. none of these.
22. Which of them is most energetic –
a. Solids b. liquids c. gases d. all of them.
23. Which of the following is correct for something to be called matter -
a. It should occupy space b. It should have mass
c. Both (a) and (b) d. None of these.
24. Which of the following cannot be considered as matter –
a. Mixture b. affection c. gas d. liquid.
25. Which of the following is correct about solid carbon dioxide –
a. It is used in theatres to give special effects. b. It is extremely cold substance.
c. It is used to keep freeze food and to keep ice-cream cold.
d. All of them. e. Noneof them.
26. Which of the following statements is not correct –
a. The density of ice is less than the density of water.
b. To convert a temperature on the Kelvin scale to Celsius scale, subtract 273 from the given temperature.

- c. To convert a temperature on the Celsius scale to Kelvinscale, add 273 to the given temperature.
 - d. Vaporisation of a liquid causes cooling.
27. When a substance is directly changed form solid state to gas on heating or from gas to solid on cooling, this process is called –
- a. Evaporation
 - b. condensation
 - c. sublimation
 - d. vaporization

8. BIOLOGY

Prepare a power point presentation or a project on any ONE of the following topics:

1. **How structure of a cell is related to its function: Research of different type od cells like egg cell, sperm cell, neuron, ciliated cells, fat cells, rods and cone cells and how their structure is related to their function.**
2. **Cell Structure: Research on structure and functions of different cell organelles like nucleus, endoplasmic reticulum, Golgi apparatus, mitochondria etc.**
3. **Flora and fauna of Manipur and Nagaland.**

Images/video clips should be added. Number of slides **should not exceed** 15. You can submit your project/ppt on google classroom.

9. HISTORY & CIVICS

To make a project on the given topic.

Topic: Forest Society and Colonialism (History) and Natural Vegetation and Wildlife (Geography)

(Note for more details refer your Google classrooms)

10. GEOGRAPHY

DISASTER MANAGEMENT CLASS IX: SESSION: 2023-2024 PROJECT WORK:

Every student has to compulsorily undertake any **one project on Disaster Management**

A list of topics for project work is enclosed.

The textbook entitled- “ Together Towards a Safer India, part ii “by CBSE is the recommended primary source for successfully carrying out the project work.

Discuss any one Case Study related to the topic/theme.

PROJECT WORK REQUIREMENTS:

1. The total length of the project report will not be more than 15 written pages of A-4 size paper.
2. The **project report can be handwritten/digital** and credit will be awarded to pictures, illustrations and creative use of materials.
3. The project report will be presented in a neatly- bounded folder if it is handwritten.
4. The project should be prepared with eco-friendly products.

PREPARATION AND SUBMISSION OF THE PROJECT WORK:

The project report will be developed and presented in this order:

1. **Cover Page:** showing Project Title, Student information, School and Year.
2. **List of Content:** with Page numbers
3. **Acknowledgement:** acknowledging the institution, offices and libraries visited and persons who have helped.
4. **Chapters:** with relevant headings.
5. **Bibliography:** should have the title, page referred, author, publisher, year of publications and if a website, the name of the website with a specific website link which has been used.
6. All photographs and sketches should be labelled and acknowledged.
7. Teacher evaluation report-
8. **The last date of submission is: 15 July 2023**

Allocation of marks: Total marks: Total marks will be allotted over the different aspects of the project work in the following manner-

S.NO	ASPECTS	MARKS
1.	Content accuracy and originality and collaborative skills	2
2.	Competencies exhibited and Presentations	2
3.	Viva	1
Total marks for the project in class IX		5

Criteria for Project Work:

Content accuracy and originality	Read original sources and chosen content from books and the internet.
Presentation and Creativity	Presents report with original thoughts and opinions supported by facts.

Process of project complication	Chooses topics on one's own, shares information willingly, interacts with teachers and peers willingly, takes responsibility, punctuality in completing the project.
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Select any one topic from the following list:

- 1. Corona Virus:** Causes, create awareness at different levels:
Impact on society/economy at the local, and international level, their preparedness to face advanced situations, Management at different levels (self, community, national, international)
Better warning system for the future.
- 2. Tsunami:** Causes, and create awareness at different levels,
Vulnerability, their preparedness to face advanced situations,
Impact of Tsunami: economic, environmental Mitigation and Management:
Include long-term planning, Community involvement, Better warning system.
- 3. Floods/Cyclones:** Causes, create awareness at different levels,
Vulnerability, their preparedness to face the advanced situations
Impact of Floods/ Cyclone: economic, environmental Mitigation and Management:
Include long-term planning, Community involvement, Better warning system.
- 4. Fire:** Causes, create awareness at different levels:
Vulnerability, their preparedness to face advanced situations,
Impact of Fire: economic, environmental Mitigation and Management:
Include long-term planning, Community involvement, Better warning system.

Teachers' report in the given Proforma will be attached at the end of the report.

PROJECT EVALUATION PROFORMA	
SCHOOL'S NAME: _____	
ADDRESS: _____	
STUDENT'S NAME: _____	
ROLL NO. _____	
CLASS: _____	SECTION: _____
TEACHER'S ASSESSMENT:	
1. Content accuracy and collaborative skills _____	
2. Competencies exhibited and Presentation _____	
3. Viva-Voce _____	
Overall Remarks: _____	
Teacher's Signature: _____	Date: _____

11. ECONOMICS

ART INTEGRATED LEARNING IN CLASS IX SOCIAL SCIENCE FOR YEAR 2023-24

The National Education Policy 2020 recommends that:

“Art-integration is a cross-curricular pedagogical approach that utilizes various aspects and forms of art and culture as the basis for learning of concepts across subjects. As a part of the thrust on experiential learning, art-integrated education will be embedded in classroom transactions not only for creating joyful classrooms, but also for imbibing the Indian ethos through integration of Indian art and culture in the teaching and learning process at every level. This art-integrated approach will strengthen the linkages between education and culture.”

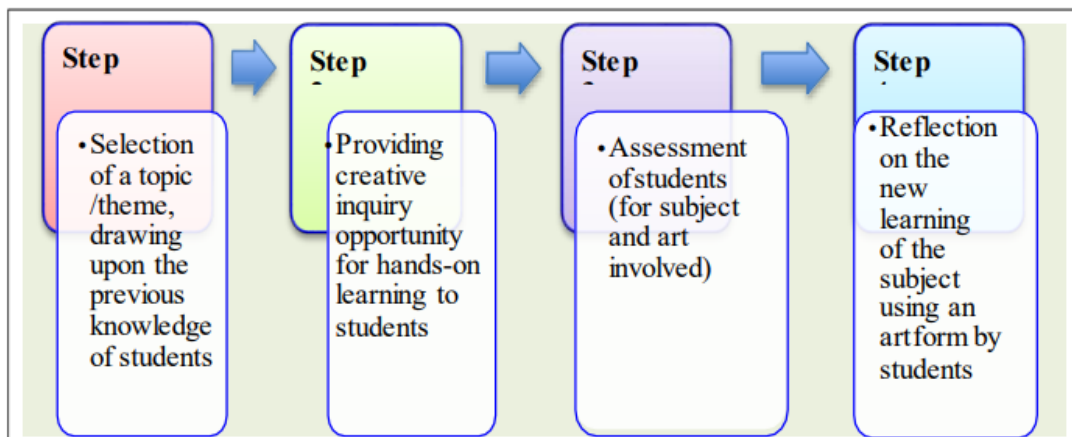
The National Curriculum Framework for Foundational Stage 2022 recommends (Motive):

“Children express themselves, imagine, and create without any inhibition through the arts. The open-endedness and playful qualities of the arts encourage self-expression, intuition, reasoning, imagination, and communication. Children need to be supported with ideas and opportunities to draw, paint, print, create collages, construct structures with blocks. Children also love moving, dancing, exploring, and improvising with their bodies and playing musical instruments states.”

Instructions:

1. At least one Art-Integrated Project in each subject shall be taken up by all students of classes IX and X. For classes IX and X, the art integrated project work will be assessed as part of the subject enrichment activity in all the subjects for internal assessment.

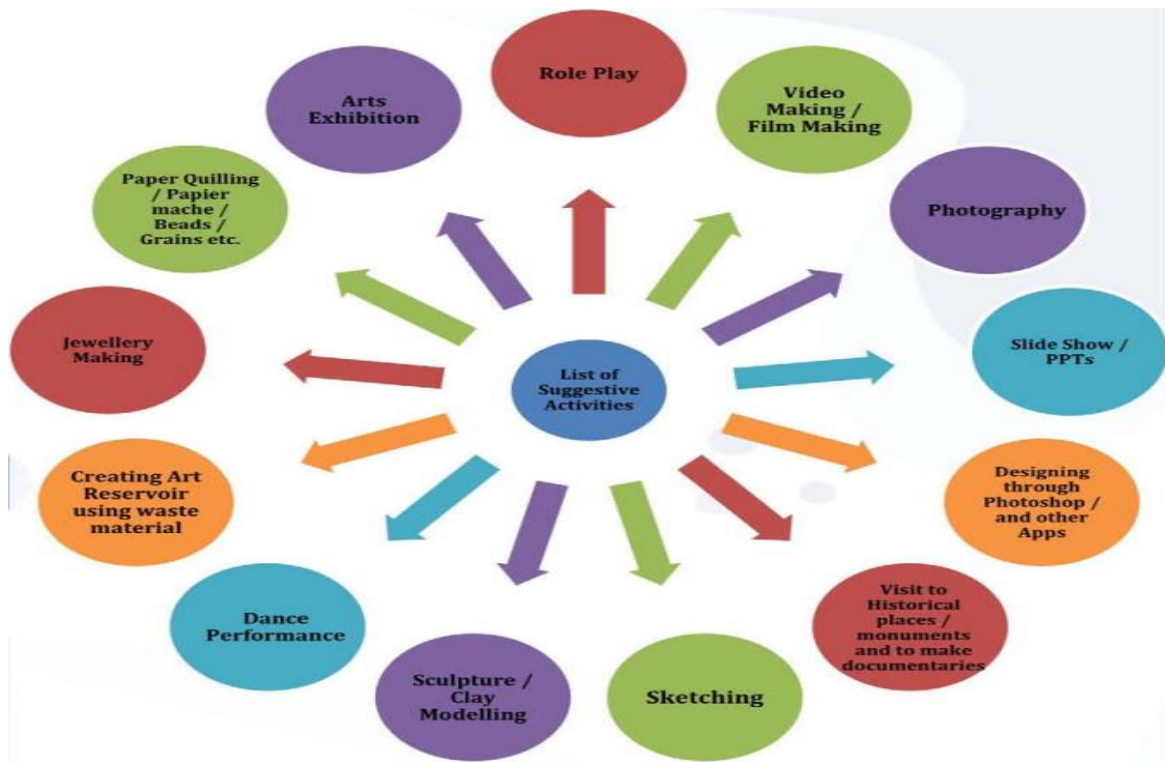
- Students will take up integration with any form of Indian Art - visual or performing, as it will be helpful to students to easily understand the project that is culturally connected to them. Teachers need to facilitate learning of the chosen Indian art form and ensure that the students are able to creatively integrate the art form(s) being used in the project.
- Minimum one project work of students from classes I –X, it is mandatory to integrate any art form of the paired State/UT, as defined under Ek Bharat Shreshtha Bharat Programme. **The pairing of the States are Madhya Pradesh –Bihar.**
- The focus should be given on research of new topics that are not yet taken up in the classroom. Teachers must facilitate exploration of research on the topics to give students hands-on experience.
- The project should be taken up in an eco-friendly manner, using readily available local resources without any financial burden on parents or guardians.
- The teachers may follow the following process of embedding arts with other subjects for carrying out the project work:



- The Project should be done by students in groups with up to 4-5 students in each group.
- While creating projects, it may also be seen that it should not be so pro- art that it becomes difficult for the subject teacher to take it forward and guide the students. The projects should be simple and doable for the subject teachers and students without the assistance of art teachers/artists or others.
- Children can take anything from the given topic of state of Madhya Pradesh – Bihar, depicting Flora, Fauna, Historical Places, Monuments and Economic Activities on the basis of different sectors.

STATES & UTs	DANCES (illustrative)	FAIRS & FESTIVALS (illustrative)	ART FORMS (illustrative)	TRADITIONAL DRESS (illustrative)	TRADITIONAL FOODS (illustrative)
Bihar	Jat-Jatin, Bidesia, Jhijhian dance, Jumari Dance, Kajari, Sohar-Khilouna, Fagua, Domkach	Sonepur Mela, Kalachakra, Rajgir Dance Festival, Makar Sankranti Mela, Nag Panchami Festival, Pitrapaksha Mela, Shrawan Mela, Vat Savitri Puja	Madhubani Painting, Rock Paintings, Textile Printing, Wooden Work, Wood Carvings, Pottery Works, Bamboo Work, Sikki Works, Brass Works, Tikuli Works, Zari Works, Kasida Work, Patna Kalam, Lacquer Works	Dhoti-kurta for men and saree for women	Litti Chokha, Sattu paratha, Jhaal Moori, Khaaja, Tilkut

10.Suggested activities for AIL.



Following Art integrated work is to be done by the class in group. Divided the class in 5 groups

Group A: Dances of Bihar

Group C: Festivals of Bihar

Group B: Art Forms

Group D: Traditional dress

Group E: Traditional food

Ppt format

PPT must not have 15 slides + 2 for intro, Credit and Bibliography.

12. COMPUTER SCIENCE

Using any suitable presentation software (Google Slides Or Power Point or any other) create a presentation.

Topics to be covered.

1. What is communication?
2. Verbal and Nonverbal communication.
3. Visual and Written methods of communication.
4. English Language Skills I.
5. Capitalization and Punctuation rules.
6. Pronunciation Rules.
7. Sentence formation 1.
8. Introducing Oneself and others.
9. Greeting others.
10. Sentence Formation 2

Important:

1. The presentation must have 15 to 20 slides (may exceed extra 5 slides).
2. Do not write big paragraphs (Try to make the points)
3. Proper alignment of text/points must be there.
4. Use proper contrast for background and fore ground (colour /image/text).
5. Choice of font must be appropriate.
6. Use proper animation and/or transitions.

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