



S.B.P. D.A.V. Centenary Public School, Fatehabad.

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Holidays' Assignments for Summer Vacations (2023-24) for Class X



General Instructions:

1. Get up early in the morning and go out for a walk daily. Do yoga daily for healthy living.
2. Make a Bird feeder and add seeds for birds daily and also place water for them.
3. Raise a small kitchen garden by planting seeds.
4. Learn any one folk song.
5. Help your mother in cooking and learn vegetable cooking and salad decoration.
6. The summer break for classes VI-XII will be from 01.06.2023 to 02.07.2023 (Both days inclusive). School will reopen on 03.07.2023.
7. Revise the syllabus of all subjects done before summer vacations for Unit Tests to be started from 04.07.2023.
8. Try to make your handwriting better by practicing and do your HW in good handwriting.
9. Do assignments in holidays homework notebook and activities/projects on A4 sheets for each subject and make a portfolio & submit it for assessment to your class teacher on July 10, 2023. There will be assessment of these portfolios and marks will be awarded in half yearly/annual exams.
10. Learn all the prayers and mantras given in student diary.
11. **Register & Participate in 1st stage of 9th Online International Humanity Olympiad by accessing through our web portal – <http://www.humanityolympiad.org> or Android App - Awake Humanity (play store). Every individual passing the exam (i.e. scoring minimum 40%) will get an e-certificate through e-mail immediately on their emails. School code is : FATE103**
12. The school is starting Skill Development Courses during this session. The students are required to do the activities/projects as advised by the skill teacher on Artificial Intelligence, Handicrafts and Food.

English

Instructions:

1. Prepare for First UT according to the below given syllabus :
Chapters--- 1. Letter to God, 2. Long walk to freedom: Nelson Mandela (First Flight)
Chapters - 1. A triumph of Surgery, 2. A theifs story (Footprints)
Poems- Dust of snow, fire and Ice
Grammar --- Tenses ,modals
2. Do BBC module of chapter 1 and 2 of First Flight, Chapter 1 and 2 of Footprints without Feet, Module of tenses and Modals to revise for UT.
3. Do the activities in holidays homework notebook and MCQs in the given sheets.

Activities

1. Phrasal Verbs (Roll No 1 to 15)

A phrasal verb is a verb followed by a preposition or an adverb. Its meaning is often different from the meanings of its parts. Compare the meanings of the verbs 'get on' and 'run away' in (a) and (b) below. You can easily guess their meanings in (a) but in (b) they have special meanings.

(a) She got on at Agra when the bus stopped for breakfast.

Dev Anand ran away from home when he was a teenager.

(b) She's eager to get on in life. (succeed)

The visitors ran away with the match. (won easily)

Write at least 15 phrasal Verbs with meaning and one sentence of each in your holiday's notebook.

2. The Narrative Voice (Roll No 16 to 30)

A story which we write in the 'third person' that is, the narrator is not a participant in the story. But the narrator often seems to tell the story from the point of view of one of the characters in the story.

Write such story with the title- The story of a new pilot.

3. Have fun writing your ballad. Gather information (choose/decide an idea/theme), organise your materials under characters and story and then write. Revise and edit your ballad to make it entertaining.

Use the following guidelines to write your ballad. (Roll No 1 to 15)

* Purpose of writing the ballad: to entertain and interest

* To whom I am writing: decide for whom you are writing

* How should I structure features?

Tell a simple narrative

A few major characters

A strong rhythm and rhyme

May have a refrain (single or two line(s) repeated often)

Divide into verses

हिन्दी

1. महाकवि सूरदास के व्यक्तित्व एवं कृतित्व पर प्रकाश डालते हुए एक प्रोजेक्ट फाइल तैयार कीजिए।

2. पाठ नेताजी का चश्मा में आपने पढ़ा कि नगर पालिका इस कस्बे में कुछ ना कुछ छोटे-मोटे कार्य करती रहती थी। नगर पालिका के अधिकारी या बोर्ड ने बाजार के मुख्य चौराहे पर संगमरमर की पत्थर से बनी नेताजी सुभाष चंद्र बोस की प्रतिमा लगवा दी। आप अपने आसपास पता करिए कि पिछले वर्षों में नगरपालिका ने कौनकौन से विकास कार्य - करवाए हैं। उन कार्यों का सचित्र वर्णन करें।

3. पाठ लखनवी अंदाज में नवाबों की जो दुनिया बताई गई है उसे पढ़कर नवाबी सनक के बारे में बताएँ। सनक शब्द के सकारात्मक व नकारात्मक प्रभावों का सचित्र वर्णन कीजिए।

4. राम लक्ष्मण परशुराम संवाद में दोहा एवं चौपाई छंद का प्रयोग किया गया है। आप सभी किन्हीं दो चौपाइयों का सस्वर वाचन करके वीडियो बनाएँ।

5. किसी हिंदी समाचार पत्र के संपादकीय पेज से पाँच अपठित गद्यांश तैयार कीजिए और उनमें कम से कम पाँच पाँच प्रश्न बनाइए व उनके उत्तर लिखिए।

6. पाठ बालगोविन भगत में आषाढ़, भादो माघ आदि विक्रम संवत कैलेंडर के मासों के नाम आए हैं। यह कैलेंडर किस माह से आरंभ होता है? महीनों की सूची तैयार करते हुए इन सब मौसमों में आसपास के वातावरण में तथा लोगों के

जनजीवन पर किस प्रकार का प्रभाव पड़ता है? उसका सचित्र वर्णन कीजिए।

7. वाक्य एवं वाक्य भेद तथा वाच्य एवं वाच्य भेद इन दोनों विषयों पर आधारित एक- एक फ्लो चार्ट तैयार करें।

8. निम्नलिखित विषयों पर लगभग 150 से 200 शब्दों में अनुच्छेद लिखें

* स्वच्छता एक अनिवार्य कदम

* आज की युवा पीढ़ी पर चर्चित हस्तियों एवं फैशन की दुनिया के प्रभावों का वर्णन करते हुए एक लेख लिखें।

* विज्ञापन और हमारा जीवन आज के समय में विज्ञापनों की लुभावनी दुनिया ने हर व्यक्ति को अपनी ओर आकर्षित किया हुआ है। इसके सकारात्मक एवं नकारात्मक प्रभावों का उल्लेख करते हुए एक लेख तैयार करें (चित्र सहित)

9. अपनी ओर से दो संपादक के नाम पत्र एवं एक अनौपचारिक पत्र लिखें।

प्रथम इकाई परीक्षा संबंधी पाठ्यक्रम

क्षितिज गद्य खंड-(पाठ नेताजी का चश्मा एवं बालगोबिन भगत)

काव्य खंड -(पाठ सूरदास के पद एवं राम लक्ष्मण परशुराम संवाद)

व्याकरण- वाक्य एवं रचना के आधार पर वाक्य भेद , वाच्य एवं वाच्य भेद।

अपठित गद्यांश एवं अपठित काव्यांश।

Maths

Revise Chapter 1 to 4 for unit test.

Assignments

1. The HCF of 306 and 657 is

[a] 3

[b] 9

[c] 27

[d] 81

2. The LCM and HCF of two numbers are 180 and 9 respectively. If one of the numbers is 45, the other number is

[a] 36

[b] 54

[c] 44

[d] 45

3. The LCM of two numbers is 30 times their HCF. The sum of LCM and HCF is 279. If one of the number

54 then other number is

[a] 45

[b] 54

[c] 27

[d] 90

4. Determine the value of $(q+ps)^2$ so that prime factorization of 1680 is expressible as $2^p \times 3^q \times 5^r \times 7^s$

[a] 144

[b] 100

[c] 441

[d] 400

5. The largest number which divides 62 and 83, leaving remainders 2 and 8, respectively, is

[a] 13

[b] 65

[c] 15

[d] 1750

6. If S is the sum of zeroes of $2x^2+18x-24$ and P is the product of zeroes of $3x^2-23x+30$ then the value of (S+P)

[a] 1

[b] -19

[c] 19

[d] -1

7. If p and q are the zeroes of the polynomial $5x^2+40x+7$ then the value of $(p+q+15pq)$

[a] -42

[b] -29

[c] 29

[d] 13

8. If sum of zeroes of the polynomial $3kx^2 - (9k-4)x + 9$ is $1/3$ then the value of k.

[a] $1/4$

[b] $1/2$

[c] $-1/3$

[d] -2

9. If product of zeroes of the polynomial $15kx^2 - 16x + (6k+13)$ is 3 then the value of k.

- [a] $-1/2$ [b] $1/3$ [c] $1/2$ [d] -5
10. The sum of the zeroes of the polynomial $(3k-4)x^2-8x+(k+6)$ is equal to their product then the value of k is:
[a] 3 [b] -3 [c] $-5/2$ [d] 2
11. If $x = -3/7$ and $28x + 9y = 15$, then the value of $6y$ is equal to :
[a] -24 [b] 18 [c] -20 [d] 15
12. The pair of equations $21x+18y=2$ and $28x+24y=-9$ has :
[a] one solution [b] two solutions [c] many solutions [d] no solution
13. The pair of linear equations $2kx+15y=9$, $8x+20y=12$ has a unique solution, then
[a] $k \neq -3$ [b] $k \neq 3$ [c] $k = -2$ [d] $k \neq 1/4$
14. The given number is 8 more than 8 times the sum of the digits, when digit at one's Place is x and digit at ten's place is y, then which one is true
[a] $7x+9y = -8$ [b] $8 = 7x-9y$ [c] $0 = 7x-2y+8$ [d] $7x+2y=8$
15. If the length of rectangle is reduced by 6 cm and breadth is increased by 10cm then it becomes a square , then which is true :
[a] $L+B+16 = 0$ [b] $L-2B-16 = 0$ [c] $L-B-16 = 0$ [d] $L-B-6 = 0$
16. If 6 is added in the numerator and 7 in the denominator the fraction becomes $3/5$. Find the equation in two variables by taking numerator as x and denominator as y which satisfy the given condition :
[a] $5x-3y=-9$ [b] $5y-3x=13$ [c] $5x-3y=9$ [d] $5y-3x=9$
17. Find the value of k if the given equation $2x^2 - 4x + (3k-4)=0$ has equal roots.
[a] -2 [b] 5 [c] -5 [d] 2
18. The discriminant of $\sqrt{5}x^2 + 2\sqrt{7}mx + 2\sqrt{5}m=0$
[a] $28m^2+40m$ [b] $28m^2-40m$ [c] $28m^2-45m$ [d] $40m-25m^2$
19. If $x(x+13)=30$, then positive value(s) of x is
[a] 2,15 [b] 15,1 [c] 2 [d] 15
20. The integral value of x which satisfy the equation : $3x(x-3)=5+5x$
[a] -3 [b] -2 [c] 5 [d] 2
21. Show that : (i) $\sqrt{3}$ is an irrational number (ii) $\frac{1}{\sqrt{2}}$ is an irrational number .
22. Find the zeroes of the polynomial $3x^2 - 7x+4$. Verify the relationship between zeroes and co-efficient.
23. If sum of zeroes of $x^2 + (3m+7)x + (5m+6)$ is one-fourth of its product of zeroes. Find m.
[-2]
24. Solve for x and y : $cx + dy = d^2+cd$, $dx+cy=cd+d^2$ [d,d]
25. Pronita travels 550 km to his home, partly by train and partly by bus. She takes 12 hours if she travels 200 km by train and rest by bus. She takes 24 minutes more if she travels 280 km by train and the rest by bus. Find the speed of the train and car. [40,50]
26. If the given equations : $3x+4y=10$, $(p+q+2)x + (p+2q+4)y = 40$ have many solutions, find p and q. [8,2]
27. Two brands of chocolates are available in packs of 24 and 15 respectively. If I need to buy an equal number of chocolates of both kinds , what least number of boxes of each kind I would need to buy ? [5 and 8]

28. Statement A (Assertion): H.C.F. and L.C.M. of two numbers are 25 and 815 respectively.

Statement R(Reason) : L.C.M. of two natural numbers is always divisible by their H.C.F.

- (a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A)
- (b) Both assertion (A) and reason (R) are true and reason (R) is not the correct explanation of assertion (A)
- (c) Assertion (A) is true but reason (R) is false.
- (d) Assertion (A) is false but reason (R) is true.

29. Statement A (Assertion) : $\sqrt{5}$ is an irrational number

Statement R(Reason) : Square root of a positive integer which is not a perfect square is an irrational number.

- (a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A)
- (b) Both assertion (A) and reason (R) are true and reason (R) is not the correct explanation of assertion (A)
- (c) Assertion (A) is true but reason (R) is false.
- (d) Assertion (A) is false but reason (R) is true.

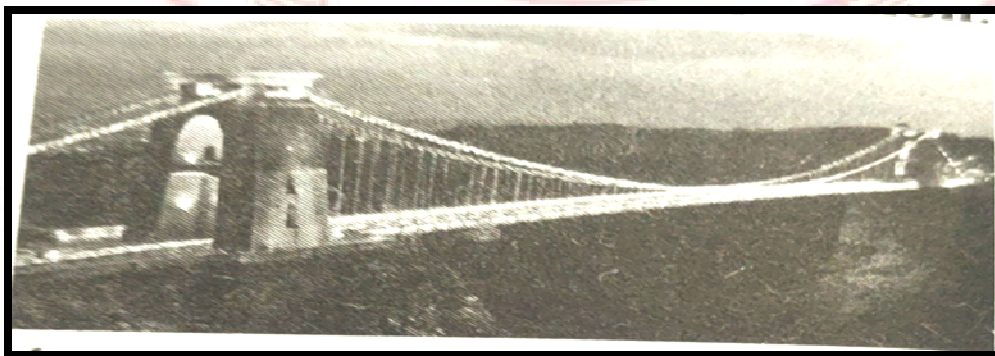
30. Statement A (Assertion) : The linear equations $2x + 3y = 6$ and $4x + 6y = 5$ are parallel.

Statement R(Reason) : If $\frac{a_1}{a_2} = \frac{b_1}{b_2} \neq \frac{c_1}{c_2}$ then lines are parallel.

- (a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A)
- (b) Both assertion (A) and reason (R) are true and reason (R) is not the correct explanation of assertion (A)
- (c) Assertion (A) is true but reason (R) is false.
- (d) Assertion (A) is false but reason (R) is true.

Competency Based Questions

Applications of Parabola : Suspension Bridge if the roadway of a suspension bridge is loaded uniformly per horizontal metre, the suspension cable hangs in the form of arcs which closely approximate to parabolic arcs. Therefore, parabolic arcs are used in suspension cable bridge construction.



1.

Parabola : A parabola is the graph that results from $p(x) = ax^2 + bx + c$, $a \neq 0$. Parabolas are symmetric about a vertical line known as the Axis of Symmetry.

[i] Find the quadratic polynomial whose zeroes are -5 and 4.

[a] $x^2 + x - 20$ [b] $x^2 - x - 20$ [c] $x^2 + x + 20$ [d] $x^2 - x + 20$.

[ii] Find the sum and product of zeroes of quadratic polynomial : $4x^2 + 12x - 5$ are:

[a] 3, -5/4 [b] -3, 5/4 [c] -3, -5/4 [d] 3, 5/4

[iii] The number of zeroes of $4x^2 - 8x$.

- [a] 0 [b] 1 [c] 2 [d] 3
- [iv] If the suspension cable of a bridge hangs in the form of an arc is represented by $3x^2 - 10x + 3$, then its zeroes are
- [a] -3, 1/3 [b] 3, 1/3 [c] -3, -1/3 [d] 3, -1/3
- [v] Graph of a quadratic polynomial is a :
- [a] straight line [b] hyperbola [c] ellipse [d] parabola

2. A seminar is being conducted by an Educational Organization, where the participants will be educators of different subjects. The number of participants in Hindi, English and Mathematics are 60, 84 and 108 respectively. Now answer the following questions.

(I) In each room the same number of participants are to be seated and all of them being in the same subjects, hence maximum number of participants that can be accommodated in each room are :

- [a] 14 [b] 12 [c] 16 [d] 18 .

(II) What is the minimum number of rooms required during the event ?

- [a] 11 [b] 31 [c] 41 [d] 21 .

(III) L.C.M. of 60, 84 and 108 is : [a] 3780 [b] 3680 [c] 4780 [d] 4680.

(IV) 108 can be expressed as products of its primes as :

- [a] $2^3 \times 3^2$ [b] $2^3 \times 3^3$ [c] $2^2 \times 3^2$ [d] $2^2 \times 3^3$.

3. Auditorium, the part of a public building where an audience sits, as distinct from the stage, the area on which the performance or other object of the audience's attention is presented. In a large theatre an auditorium includes a number of floor levels frequently designed as stalls, private boxes, dress circle, balcony or upper circle, and gallery. A sloping floor allows the seats to be arranged to give a clear view of the stage. The walls and ceiling usually contain concealed light and sound equipment and air extracts or inlets and may be highly decorated. In an auditorium, seats are arranged according to the requirement of the audience, on one day if 5 members are less in a row there are 4 more rows required and if there are 9 persons more in each row there would be 3 rows less.



- (i) Describes the algebraic equations of above situations ?
(ii) Find the total number of seats in the Auditorium.

4. Your elder brother wants to buy a car and plans to take loan from a bank for his car. He repays his total loan of Rs 1,18,000 by paying every month starting with the first installment of Rs 1000. If he increases the installment by Rs 100 every month, answer the following:



- (i) The amount paid by him in 30th installment .
- (II) The amount paid by him in the 30 installments .
- (iii) If total installments are 40 then amount paid in the last installment?
- (iv) The ratio of the 1st installment to the last installment is

Activity : 1. Draw the graphs of pair of linear equations in two variables (Intersecting line, Parallel line and coincident lines). Using sticks for lines and use colorful pages for the base of the graph

2. Make four statements from your surroundings related to linear equation in two variables and also solve them.

Social Science

Note : Do the given assignments on the separate sheets of paper :

1. Watch any historical movie or biopic and write its reviews- Like Gandhi, Kesari. Prithvi Raj Chauhan, The Legend of Bhagat Singh, Manikarnika-The Queen of Jhansi, Jodha Akbar, Mohenjodaro, Panipat, Padmaavat, Subhas Chandra Bose.
2. Art Integrated Project: Prepare Video/Power Point.
 - Water Conservation Methods, Rivers and Dams in Manipur.
 - Festivals and Fairs in Manipur.
 - Traditional Dress and Dance/Music in Manipur.
 - Agriculture in Manipur.
 - Tourism in Manipur.
 - Politics in Manipur.
 - Industries in Manipur.
 - Historical Monuments in Manipur.
3. **Prepare a short atlas by preparing maps on A-4 sheets.**
GEOGRAPHY (Outline Political Map of India)

Chapter 1: Resources and Development (Identification only)

- a. Major soil Types

Chapter 3: Water Resources (Locating and Labelling)

Dams:

- | | | |
|----------------------|-------------------|------------|
| a. Salal | b. Bhakra Nangal | c. Tehri |
| d. Rana Pratap Sagar | e. Sardar Sarovar | f. Hirakud |
| g. Nagarjuna Sagar | h. Tungabhadra | |

Chapter 4: Agriculture (Identification only)

- a. Major areas of Rice and Wheat
- b. Largest / Major producer states of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute

Chapter 2: Nationalism in India (Locate & Label)

Congress sessions: • 1920 Calcutta • 1920 Nagpur. • 1927 Madras session,

II. 3 Satyagraha movements: • Kheda • Champaran. • Ahmedabad mill workers

III. Jallianwala Bagh

IV. Dandi March

4. Read the clue in column A and identify me. Write my name in Column B.

A (I am)	B (My name)
The king of Piedmont and Sardinia. I helped in the unification of Italy.	
A French Emperor. I introduced a Code in 1804.	
The Austrian Chancellor. People consider me a dangerous enemy to society'.	
The founder of a secret society, 'Young Italy'. I inspired the youth to work towards unification.	
The Chief Minister of Prussia and was the architect for the Procedure of unification of Germany.	

5. Identify the attributes of Nationalism.

Study the picture give below (pg. 24) and identify the different symbols depicted in this picture. List the symbols and explain the attributes of each.



6. Prepare mind maps of Ch. 1 Resources and Development.
 - Ch. 2 Forest and Wildlife Resources
 - Ch. 3 Water Resources
 - Ch. 4 Agriculture
 - Ch. 1 The Rise of Nationalism in Europe
 - Ch. 2 Nationalism in India

7. Complete the following blanks:

Crop	Soil	Climate	Distribution
Rice			
	Black Soil		
			Hills of Darjeeling, Tamil Nadu, Kerala
Maize			
		Moist and humid, rainfall > 200 cm Temperature > 25 degrees	

8. Fill the crossword given below:

Across:

- The other name of black soil. (5)
- Develops on crystalline igneous rocks. (3)
- Erosion of top soil as water flows over large areas. (5)
- The club advocated resource conservation for first time at international level. (4)
- Deccan plateau is made up of. (4)

Down:

- Soil that develops in areas with high temperature and heavy rainfall. (8)
- Subset of the stock (8)
- Obtained from biosphere and have life. (6)
- An example of ravine. (7)
- Denudation of soil cover. (7)

1	10			4	6
2	3				
		8			
	5				
7					
		9			

9. Word Search

Solve the puzzle by following your search horizontally and vertically to find the hidden answers.

B	J	U	T	E	Z
H	T	A	N	K	L
U	C	Z	A	I	D
P	O	O	N	A	R
U	F	L	S	T	U
L	F	T	P	O	B
S	E	Z	A	P	B
E	E	Q	K	T	E
S	M	D	L	A	R

- (a) A leguminous crop.
- (b) Known as golden fiber.
- (c) An equatorial crop.
- (d) Its cultivation was initially introduced on Baba Budan Hills.
- (e) Short season during the summer months.

10- Learn and write additional questions from each chapter which you have done in the month of April and May. Make at least 20 additional questions covering the whole chapter and solve them in Holidays Home Work Notebook (10 very short ,6 short answers and 4 long answers.)

11. Write a note on Mahatma Gandhi Ji and How Gandhi ji shaped our Independence:
5 major freedom movements initiated by Mahatma Gandhi

12- Learn and revise following chapters for UT.

Geography:-

- Chapter 1- Resources and Development
- Chapter 2- Forest and Wildlife Resources
- Chapter 3- Water Resources
- Chapter 4- Agriculture

History:-

- Chapter 1- The Rise of Nationalism in Europe.
- Chapter 2- Nationalism in India.

Syllabus for I-Unit Test:

Geography:-

- Chapter 1- Resources and Development
- Chapter 2- Forest and Wildlife Resources
- Chapter 3- Water Resources

History:-

- Chapter 1- The Rise of Nationalism in Europe.

Science

1. Do all the NCERT Exemplar questions of chapters completed in class
2. Prepare following chapters for UT
Chemical reactions and equations, Life Processes (Up to transportation in plants), Reflection of light
3. Prepare a brief summary of chapter 'Management of natural resources'.
4. Interdisciplinary Project: THEME: Global Warming
"Global Warming versus Climate Change" Make a Power Point presentation.

Guidelines :

- ❖ The presentation should be of 10-15 slides
- ❖ Slide one – Name of the School, subject , name of the student ,class and section.
- ❖ Slide two- Index (by using Table)
- ❖ Slide three- Introduction of your topic
- ❖ Slide four to 10 or 15 -Content

The slides should contain the following information:

- ❖ Introduction and causes of global warming
- ❖ Use of technology in identification of the crisis and its solution
- ❖ Illustrations (paste pictures/make collage)
- ❖ Effect of global warming on environment
- ❖ Areas on map where conditions of climate change are being faced. Use political maps of India and the world.
- ❖ Measures taken by the govt. in this direction and measures taken globally.
- ❖ Graphical presentation: Prepare pie chart on regions which are more likely to be affected in India by global warming and analyze.

For Science Exhibition

*Research work / Innovative ideas to solve community Problem

* Documents or paper work of Research work should be on A4 Sheets.

*There are different themes to solve community problems. Students will submit research work or innovative ideas on one theme. Details of Different themes are given below:

- **Education Theme**
- **Social Inclusion Theme**
- **Energy & Transport**
- **Healthcare & Nutrition**

Education: Innovate to create solutions to make education and learning inclusive and resilient for all children - Those with no access to devices or internet (Mobiles, Laptops, TVs), those that are in regions with extreme weather conditions, those with no access to a school (physical or virtual) Innovate to integrate soft skills (personality building, confidence etc.), technical skills (digital and 21st century skills) and a mindset of innovation in the curriculum for schools/colleges to ensure students have the skillsets to become successful entrepreneurs or professionals

Social Inclusion: Innovate to create a sustainable model for financial inclusion which will help India get closer to the goal of no poverty by providing accessible and affordable financial services to all. Innovate to create solutions to build inclusivity in the society in terms of languages and cultures so that localized access can be made possible for information related to education, financial literacy and government policies/schemes

Energy & Transport: Innovate a system that could improve rider/driver (motorcycles, cars, trucks, and/or any other vehicle)/citizen (people and animals on the road) safety and prevent road accidents Innovate solutions that reduce the carbon footprint as well as adopt climate resilient and low-carbon strategies to enable the transition to truly sustainable India

Healthcare & Nutrition: Innovate solutions specifically solving problems faced by patients suffering from the most common diseases of India. You can choose a disease from this list or pick another disease to create a solution - Diabetes, Anaemia, Tuberculosis, Malaria, Typhoid or others Innovate to

build solutions to find novel ways to address health and nutrition challenges such as malnutrition, obesity etc.

Note: Students can execute their ideas with different modules like Design Thinking, Python Programming, Artificial Intelligence, Game Development, 3D Modeling, Computing, IOT which are the part of ATL Curriculum

Punjabi

ਯਾਦ ਕਰੋ-

ਪਾਠ ਪੁਸਤਕ ਸਾਹਿਤ ਮਾਲਾ - ਕਵਿਤਾ -ਸੋ ਕਿਉਂ ਮੰਦਾ ਆਖੀਐ

ਕਵਿਤਾ - ਕਿਰਪਾ ਕਰਿ ਕੈ ਬਖਸ਼ ਲੈਹੁ

ਵਾਰਤਕ ਪਾਠ - ਘਰ ਦਾ ਪਿਆਰ

ਪਾਠ ਪੁਸਤਕ ਵੰਨਗੀ - ਕਹਾਣੀ - ਕੁਲਫੀ

ਵਿਆਕਰਨ - ਸਮਾਸੀ ਸ਼ਬਦ ਬਹੁਅਰਥਕ ਸ਼ਬਦ ਮੁਹਾਵਰੇ 'ਕ' ਤੇ 'ਖ' ਵਾਲੇ ਲਿਖਤੀ ਕੰਮ

ਨੋਟ -ਲਿਖਣ ਵਾਲਾ ਸਾਰਾ ਕੰਮ ' ਪੰਜਾਬੀ ਬੀ ' ਦੀ ਕਾਪੀ ਵਿੱਚ ਸਾਫ-ਸਾਫ ਲਿਖਾਈ ਵਿੱਚ ਲਿਖਣਾ ਹੈ।

ਲੇਖ -1. ਸੋ ਕਿਉਂ ਮੰਦਾ ਆਖੀਐ ਜਿਤੁ ਜੰਮਹਿ ਰਾਜਾਨ

2. ਦੇਸ਼ ਪਿਆਰ

3. ਸ੍ਰੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਜੀ

ਕਿਰਿਆਤਮਕ ਕੰਮ (Activity) - ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਦੇ ਜੀਵਨ ਬਾਰੇ ਜਾਣਕਾਰੀ ਇੱਕਠੀ ਕਰੋ ਤੇ ਉਹਨਾਂ ਦੇ ਜੀਵਨ ਨਾਲ ਸੰਬੰਧਤ ਕੋਈ ਪ੍ਰੇਰਨਾਦਾਇਕ ਸਾਖੀ (ਕਹਾਣੀ/ਘਟਨਾ) ਲਿਖੋ। Activity ਵਿੱਚ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਦਾ ਚਿੱਤਰ ਬਣਾਉਣਾ ਜਾਂ ਚਿਪਕਾਉਣਾ ਵੀ ਹੈ।

ਨੋਟ - ਕਿਰਿਆਤਮਕ ਕੰਮ ਕਰਦੇ ਹੋਏ ਹੇਠ ਲਿਖੀਆਂ ਗੱਲਾਂ ਧਿਆਨ ਰੱਖਣੀਆਂ ਹਨ -

* ਐਕਟੀਵਿਟੀ ਰੰਗਦਾਰ ਸ਼ੀਟ ਤੇ ਕਰਨੀ ਹੈ।

* ਪਹਿਲੇ ਪੇਜ ਤੇ ਕਿਰਿਆਤਮਕ ਕੰਮ ਦੀ ਜਾਣਕਾਰੀ ਦੇਣੀ ਹੈ ਜਿਵੇਂ-

ਪੰਜਾਬੀ ਦਾ ਕਿਰਿਆਤਮਕ ਕੰਮ (Project of Punjabi)

ਫਿਰ ਵਿਸ਼ਾ (Topic) ਉਸ ਤੋਂ ਬਾਅਦ ਵਿਦਿਆਰਥੀ ਅਪਨਾ ਨਾਂ, ਰੋਲ ਨੰਬਰ, admission ਨੰਬਰ ਲਿਖਣਗੇ

ਤੇ ਅੰਤ ਵਿੱਚ Submitted to ਤੇ submitted by ਲਿਖਣਾ ਹੈ।

Artificial Intelligence

Activity 1: Complete any course mentioned on <https://studio.code.org/courses> and send your certificate on activities.davftb@gmail.com

Couse link - <https://code.org/oceans>

Watch videos given on above link about AI and Machine Learning and prepare a beautiful presentation on any one topic.

Activity 2: Write the following python programs in practical notebook.

After coding execute the program and take the screenshot of each bug /error free code with its output and upload them on the above-mentioned form individually.

1. **Program to find out factorial of a number.**

2. **Program to check if a number is even or odd.**

3. **Program to find the largest amongst the three given numbers.**

4. **Program to print Fibonacci series.**