## ST. COLUMBUS SCHOOL DAYAL BAGH, FARIDABAD SUMMER HOLIDAY HOMEWORK (2025-2026) CLASS: VIII

## **GENERAL INSTRUCTIONS:**

- ▶ Holiday homework should be done neatly and in an attractive manner.
- > Follow the instructions provided for each subject.
- > Use different sheets for different subjects.
- Make handmade folders for all the subjects.
- > Design and decorate the cover page of all the folders.
- Revise U.T.- I syllabus of all the subjects.

## SOME ADVICE FROM TEACHERS' SIDE

#### Dear students

- Complete your holiday homework neatly, take the help of your parents if needed.
- To get aware of the surroundings, watch different informative channels in the presence of your parents.
- Eat only healthy food like summer fruits, green vegetables, drink fresh juices and lemon water to remain hydrated.
- > Do exercises regularly or indulge in indoor activities.
- > Help your parents in the household work.

#### <u>ENGLISH</u>

#### Research the author- 'O. Henry', his life, literary works, and writing style.

- a. Create a colorful poster of the author with images, fun facts. (A-3 size sheet)
- b. Write a short paragraph on why the author is inspiring (A-4 size sheet).

#### Poetry Collage (A-3 size sheet)

Write a self-composed poem on any one of the following topics. Also include illustrations and decorate the borders.

- Raksha Bandhan
- Janmashtami
- Friendship
- Independence day

Make a word diary:

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- 5 new words per week (Total 20-25)
- Write their meanings, use them in sentences and draw a picture or symbol to remember them better.

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हिंदी शब्दकोश

- Prepare collage using newspaper cuttings and highlight 'Modals' using highlighters of different colours.
- Prepare a cover page of a Magazine entitled 'Father of the Year' on Father's Day, dedicating your father.

## <u>हिंदी</u>

आपने 'लाख की चूड़ियाँ' पाठ का अध्ययन किया है। लाख से चूड़ियों के अतिरिक्त क्या–क्या चीज़ें बनती तथा लाख की वस्तुओं का निर्माण भारत के किन–किन राज्यों में होता है? जानकारी एकत्रित कर लिखिड़ (ए–4 साइज की शीट पर)

समास की परिभाषा तथा भेदों पर आधारित एक सुंदर व आकर्षक चार्ट अथवा वॉल हैंगिंग बनाइए।

'दीवानों की हस्ती', 'लाख की चूड़ियाँ', 'बस की यात्रा', 'भगवान के डाकिए', 'क्या निराश हुआ जाए' पाठों में से कठिन शब्द छाँटिए तथा उनके अर्थ को स्वनिर्मित तथा

सुसज्ज़ित शब्दकोश में लिखिए।

 'युद्ध एक अंतिम विकल्प' विषय पर अपने विचार लगभग 150 शब्दों में लिखिए। (ए–4 साइज की शीट पर)

## <u>संस्कृत</u>

निर्देश— प्रश्न—1, 2 और 3 A3 साइज शीट पर तथा प्रश्न—4 चार्ट पेपर पर लिखिए।

संस्कृतभाषायाम् देशभक्तिगीतं अन्वेष्य लिखन्तु।

( संस्कृतभाषा में देशभक्ति-गीत खोजकर लिखिए।)

2 रामायणस्य कः पात्रः भवतः रोचते। तस्य पात्रस्य परिचयं संक्षिप्तरूपेण लिखत। (रामायण का कौन–सा पात्र आपको प्रभावित करता है । उस पात्र का परिचय संक्षिप्त रूप में लिखिए।)

3 षोडश संस्काराणां नामानि लिखित्वा तेषाम परिचयं सूक्ष्मरूपेण ददातु । (सोलह संस्कारों के नाम लिखकर सूक्ष्मरूप में उनका परिचय दीजिए।)

4 नवीनम् अविष्कारम् —भविष्ये उपयोगाय एकं नवीनं यन्त्रं चिन्तयन्तु। तस्य नाम, उपयोग,ं आकारं च वर्णयन्तु, चित्रं अपि रचयन्तु। (5–6 वाक्यानि) ( भविष्य में उपयोग के लिए एक नवीन यन्त्र के बारे में विचार कीजिए। उसका नाम, उपयोग,ं आकार का वर्णन कीजिए, चित्र भी बनाइए।)

#### **MATHEMATICS**

- . Make a mathematical newspaper and write the applications of mathematics in daily life with pictures. Also add various puzzles, games, logos and symbols (have geometrical shapes) to make it interesting. Give it interesting captions.
- 2. Using any 6 technological devices (USB, Speaker, Smart watches etc). Make a 3D model of each shape as a concept of Cuboid, Cube, Cylinder etc) according to the shape of the devices. Also, paste the pictures on A3 sheet. Mention the name of the shapes, number of faces, edges and vertices.
  - Make 5 Geometric Sculptures by using the newspaper and paste it on a cardboard.

NOTE:- Revise UT-1 syllabus and do chapter ended exercise (Section-A) from excellence book in a separate notebook.

Ch-1 Rational Number

Ch-2 Square and Square roots

Ch-3 Cube and Cube roots

Ch-4 Data Handling

#### **SCIENCE**

#### Q1. Design and create a working science model as per the roll numbers allotted to you:

Efficient methods of irrigation for agriculture . (Roll no. 1-20) 2. Generation of energy from renewable sources. (Roll no. 21 onwards)

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**Q2. "Earth Hour**" is an annual event organized by the World Wildlife Fund (WWF), encouraging individuals to turn off non-essential lights and appliances for one hour to raise awareness about climate change and environmental conservation.

Dedicate one hour each day during your holiday to participate in Earth Hour by turning off all nonessential electrical devices and engaging in eco-friendly or mindful activities.



## Daily Journal Entries (Minimum 5 Entries)

For each entry, include the following details:

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Date & Time of Earth Hour: Specify the date and time you observed Earth Hour.
 Appliances Turned Off: List all non-essential electrical devices you switched off.
 Eco-Friendly or Creative Activity: Describe the sustainable or mindful activity you engaged in during Earth Hour.

4. Personal Reflection: Share your thoughts and feelings during and after the hour.
5. Visual Documentation: Optionally, include a photo or drawing representing your activity. (on A4 sheet)

Q3. Probiotic yoghurt and drinks are the latest trend in food technology. They contain certain microorganisms, but are still consumed by many people. Explain the above statement. (on A4 sheet)

## SOCIAL SCIEN<mark>CE</mark>

**1.** This is a picture of new building of parliament of India.



Parliament is the highest legislative body in India. Make a 3D model of the same by using the material given below:

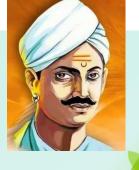
Cardboard/ Thermocol, Coloured chart papers, Grass, Plastic artificial trees, oil paints, glue gun scissors

2. Design a brochure showing the British Period or the Hindu period and research notable figures, even and social changes during that period using your creativity.

**3**. Identify the following pictures and write their names in the space provided.







- a) What was their contribution to India's struggle of independence in your S.St notebook
- b) Make a collage of main leaders of revolt of 1857.
- c) On an outline map of India, mark the main centres of the revolt of 1857.

4. Activity: "If I Were a Resource..."

Imagine you are a resource (e.g., water, coal, forest). Write a short speech describing your importance the humans and the environment in your S.St notebook.

## **COMPUTER**

## Activity work:

Solve the puzzle given below:

## Across

4. Local Area Network
6. Topology describes the arrangement of systems on a computer
7. Each node is connected to exactly two other nodes. Can be visualized as a circular configuration.
10. WAN

## Down

There is a direct link to all pairs of nodes
 Nodes are arranged in a line
 Each node is connected to a central bus that runs along the entire network
 One "root" node connects to other nodes, which in turn connect to other nodes

9. One central node is connected to each of the other nodes on a network.

## Computer Networking

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	2	
	3	4
	6	
	7	
	8	
	9	
10		
Compare and connect a 1	HUB with SWITCH.	
	ence between these network co	
	HUB	SWITCH
DEFINITION		
SPEED		- 1
SFEED		
NUMBER OF		
PORTS		
PERFORMANCE	al and	
CAPACITY		
HARDWARE REQUIRED FOR		

Network to	c given below:
•	network and its types
•	AI in different field
Recent dev	elopment of AI
1. Choose a T	opic for Your Database: Pick one of the following (or make your own):
	It Information
Library	Books
> Grocer	y Store Items
Favorit	e Movies
2. Create a Ta	able on Paper:
Draw <mark>a ta</mark> ble y	with at least 4 columns and 5 rows (you can add more if you like).
Exam <mark>ple f</mark> or "	Student Information":   ID   Name   Class   Age
3. Write MyS	QL Commands for Your Table:
a) Create the	
	ast 2 rows of data
c) Select all da	
4. Decorate (0	Optional): rawings to show your database topic.
Ms. Nivedit	nit your Project work on computer teacher's mail id. a Sharma: stccomputer2022@gmail.com Singh: roopa177.stcolumbus@gmail.com.
iner neepa	
	PHYSICAL EDUCATION
1. Draw / paste	PHYSICAL EDUCATION the pictures of sudhikriyas in practical file
1. Draw / paste 1. Neti	
1. Neti 2. Design a vib	the pictures of sudhikriyas in practical file
<ol> <li>Neti</li> <li>Design a vib visually appeal</li> </ol>	the pictures of sudhikriyas in practical file 2. Dhouti 3. Basti 4. Nauli 5. Tartak 6. Kapalbhati rant poster on the theme 'International Yoga Day'. Incorporate a powerful slogan a
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## **Be Happy By Doing Good**

1. Spare some time and help your mother in household work. Talk to your parents and elders and learn values.

2. Adopt the habit of reading newspaper and learn new words and expressions.

3. Read at least two books (Hindi & English) apart from prescribed syllabus.

4. Respect flora and fauna (Plants and Animals). Keep your home and surroundings clean. Plant at least 5 saplings.

- 5. Keep water for birds and stray animals outside your house or in balcony.
- 6. Food is equal to God. So avoid wasting of food.

7. Try to share your knowledge and donate old books and notebooks to the underprivileged and deprived children of your locality.

8. Maintain a diary in English & Hindi and write your experience along with daily routine during summer break. It will help you in enriching your vocabulary and writing skills.

ENJOY YOUR SUMMER BREAK .....