

**ST. COLUMBUS SCHOOL  
DAYAL BAGH, FARIDABAD  
SUMMER HOLIDAY HOMEWORK (2024-2025)  
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.

## ENGLISH

1. Read the book 'Angry River' by Ruskin Bond and write a book review on the basis of the following points: (on A4 size sheet)

- Brief summary of the story.
- What did you like and dislike about the story?
- Your favourite character.
- Anything in the story that touched you or you found interesting/ funny exciting /scary.

2. Make a collage of Nature's poets. Write a poem from their works with its summary and poetic devices used. (on A3 size sheet)

3. Prepare collage using newspaper cuttings and highlight 'Modals' using highlighters of different colours. (on A3 size sheet)

4. Read the chapter 'The Adventure of Dying Detective' from your textbook and write down the character sketch of 'Sherlock Holmes'. (on A4 size sheet)

5. Develop a meaningful story of 100 words from the given outline. (on A4 size sheet)

Sudeep was standing in the balcony when he heard loud voices, he immediately ran down the stairs to look what happened.....

## हिंदी

प्रश्न 1 हिंदी के प्रसिद्ध लेखकों के चित्र एकत्रित करके एक सुंदर कोलाज बनाकर उनकी प्रमुख कृतियों के नाम लिखिए। (ए-3 साइज़ शीट पर)

प्रश्न 2 ज्ञानपीठ पुरस्कार प्राप्त करने वाले किन्हीं दो विजेताओं के विषय में सचित्र परियोजना तैयार कीजिए। (ए-4 साइज़ शीट पर)

प्रश्न 3 अपनी पाठ्यपुस्तक के पाठ 'दीवानों की हस्ती', 'लाख की चूड़ियाँ', तथा 'बस की यात्रा' में से दस-दस कठिन शब्द छाँटकर उनके दो-दो अर्थ लिखिए और एक शब्दकोश बनाइए।

प्रश्न 4 समास के भेदों पर आधारित एक 3डी परियोजना तैयार कीजिए। (ए-3 साइज़ शीट पर)

## संस्कृत

निर्देश—प्रश्न संख्या 1, 2 और 3 A3 साइज़ शीट पर लिखिए।

- 1 सफलछात्राणां जीवने के के नियमाः सहायकाः भवन्ति ? केषाञ्चित् पञ्च नियमानां नामानि लिखत।  
( छात्र की सफलता के मुख्य सिद्धांत क्या क्या होते हैं। किन्हीं पांच की चर्चा कीजिए।)



2 वृक्षाणां प्रयोगः जीवने कुत्र-कुत्र भवति इति उदाहरणेन संस्कृतभाषायां लिखत।

(वृक्षो का प्रयोग हमारे जीवन मे कहां-कहां होता है उदाहरण सहित संस्कृत भाषा में लिखिए।)

3 श्रीमद्भगवद्गीतायाः पञ्च श्लोकान् स्मरणं कृत्वा लिखित्वा च आनयतु।

(श्रीमद्भगवद्गीता के पांच श्लोक याद करें व लिखकर लायें।)

## MATHEMATICS

\* Do activity according to allotted roll numbers.

Roll no. 1-20

1. Discovering the concept of geometry is so much more fun while playing! By using tooth pick and play dough to connect the corner and make the model of

- Prism
- Octahedron
- Pyramid
- Parallelogram
- Hexagon
- Star

Roll no. 21 onwards

Exponent and power are fundamental mathematical ideas that are applied in real world scenarios. Laws of exponents are essential in algebra and are used extensively in solving equations and simplifying mathematical expressions.

Create a 3-Dimensional working model using the concept of spinning wheel to illustrate the power rule of exponents using cardboard and colourful sheet.

2. The gardener Pradeep is keeping five varieties of plants and trees in the garden. He planted 70 Roses plants, 80 Sunflower plants, 40 Gulmohar trees, 60 Dahlia plants and 50 Ashoka plants. Draw a pie chart by finding out the central angles on A-4 pastel sheet.

## SCIENCE

### ACTIVITY-1

Polymers are very large molecules, formed by repeated patterns of chemical units strung together. The protein DNA, which is the —blueprint for cellular reproduction, is a naturally-occurring polymer. The protein casein, in cow's milk, is a polymer as well. Other natural polymers are cellulose and starch. Bone, horn, cotton, silk, rubber, paper, and leather all come from naturally-occurring polymers! Make polymer glue **OR** polymer clay using glue, corn flour and glycerine.

### What To Do:

- Mix the water and glue in a non-stick pot and boil for two minutes. Mix  $\frac{1}{2}$  cup water with 2 cups PVA(wood glue) in a non-stick pot. Boil them for two minutes while stirring constantly and then remove from the heat.

- Mix the corn flour with ¼ cup of water in a mixing bowl and pour into the blend. Put the corn flour and water in a bowl and pour into the pot of boiling glue and water. Mix the ingredients well.
- Sprinkle corn flour on a suitable work surface. Remove the dough and knead well. Continue kneading and adding extra cornstarch until the dough becomes less sticky.
- Stop kneading when the clay is smooth and pliable. You want to work the gluten in the cornstarch into nice pliable dough. It is now ready for use.
- Store in an airtight bag to prevent drying out. Put the dough in an airtight bag to prevent it from drying out while you wait until making use of it.

Visit the website to learn the steps <https://www.wikihow.com/Make-Homemade-Polymer-Clay-Substitute>

### **ACTIVITY-2**

Discuss with your parents and grandparents, the way to lead a healthy life. Based on the discussion:

- Design a diet plan for the children of your age group with tips and suggestions to lead a healthy life.
- Work on your self-healing power and write various ways to boost your immune system.
- Fast food is not good for health. Compose a story (150-200 words) with pictures and drawings with this message wherein a girl or boy explains to her/his younger brother, the bad effects of eating fast food.

### **SOCIAL SCIENCE**

1. Make a model of the following on the given topics:

- Parliament (Roll no.1-15)
- Red Fort (Roll no.16-30)
- India Gate (Roll no. 31 and above)

2. On A4 size sheet write the duties for a student to be allowed in the school:

Do's	Don'ts

3. Collect the following seeds and put them in a small pouch / plastic bag and paste them on A 4 size sheet. Write the climatic conditions of any one of the following crop.

- Food crops (Rice and wheat)
- Fibre crops (Jute and cotton)
- Beverage crops (Tea and coffee)

## COMPUTER

### Activity work:

Rakhi is a student of class VIII. She needs to explain network devices in a school seminar. Suggest her any five network devices used in configuring the network.

Sr. No.	Name of the Network devices	Picture	Description
1.			
2.			
3.			
4.			
5.			

### **Note:**

- Draw/Paste the pictures of the different network devices with description in above table.
- Paste the above activity in computer notebook.

### Project Work:

Electronic waste, or e-waste, refers to all items of electrical and electronic equipment (EEE) and its parts that have been discarded by its owner as waste without the intent of re-use. E-waste is dumped into unsafe and unauthorized dumping yards in India, where it is dismantled manually and unscientifically, posing significant environmental and health risks due to the presence of dangerous contaminants. Do the following.

**“Create a poster to raise awareness about e-waste, using Canva, or any other open source designing software. Use your imagination to make it creative. Do not use any in-built images from the internet and send poster as softcopy on email ID shared by the class teacher.”**



## PHYSICAL EDUCATION

1. Draw / paste the pictures of sudhikriyas-

1. Neti
2. Dhouti
3. Basti
4. Nauli
5. Tartak
6. Kapalbhathi

And write 2 benefits of each on A3 size sheet.

2. Draw a diagram of volleyball court with all the measurements in practical file.
3. Do physical exercise/yoga at least 30 minutes for five days in a week.

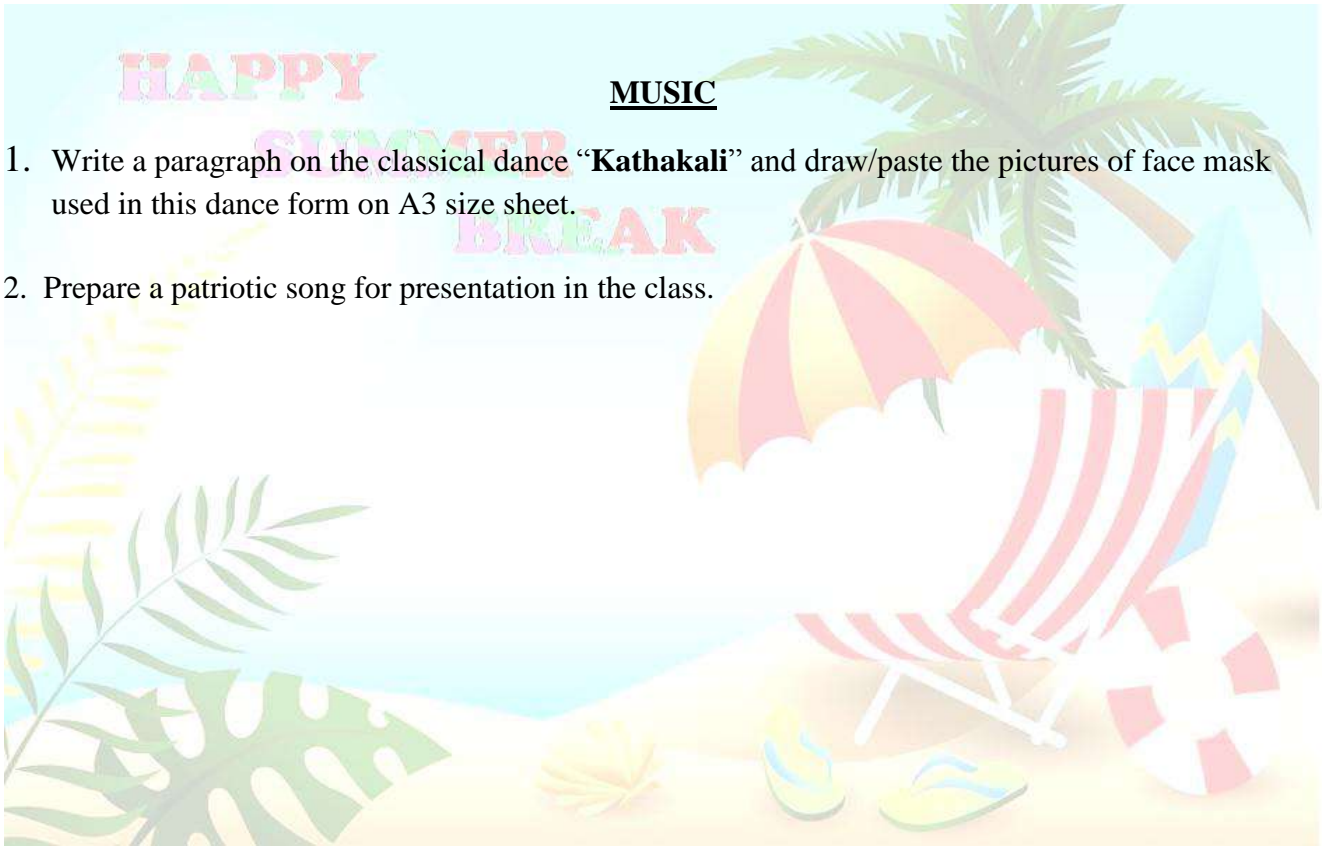
## ART

1 Decorate a plate with decorative items (plate size - dinner plate)

2 Make a poster on Van Mahotsav. (paper size- A3)

## MUSIC

1. Write a paragraph on the classical dance “**Kathakali**” and draw/paste the pictures of face mask used in this dance form on A3 size sheet.
2. Prepare a patriotic song for presentation in the class.





## 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.....**

