



# **JESUS' SACRED HEART SCHOOL**

## **DX-1, SOUTH CITY, LUDHIANA**

### **GRADE X**

### **GENERAL INSTRUCTIONS**

During the summer holidays, it's easy to get caught up in the thrill of decreased responsibility. These tips can aid you in having a productive, enjoyable and regret free summer vacation.

- ✚ Give yourself a health time by waking up early and accompanying any of your family members for jogging or cycling.
- ✚ Do some research on your upcoming competitions so that when your school resumes, you can be grateful to yourself only that your skills have buffed up.
- ✚ Make your day log to analyse your utility of time.
- ✚ Develop any of your favourite hobby and make your holidays memorable.
- ✚ Spend time in helping out your mother in doing different household chores and giving her beautiful surprise to make her happy.
- ✚ Follow up any yoga or meditational programmes on Youtube  
For eg. Yoga for kids on Youtube with guest instructor Mai Meret – Namaste Yoga  
Meditational music is beneficial for children as it enhances learning, harmony & positivity. Listen to the music by searching on YouTube. Use keyword “Pure Relaxation for children.”
- ✚ Don't forget to carry Holidays Homework on the first day of school. No work will be accepted after 13<sup>th</sup> July 2016.
- ✚ Subject wise marks will be allotted for holidays homework.

**NOTE: Topic for class presentation is given in diaries. Kindly prepare for the same.**

## SCIENCE

- Complete the written part of the practicals(of SA 1). Leave the space for observations.
- Observe 5 different electrical appliances working at your home. Calculate its power consumption and energy consumed by these appliances. Compare the data and write few steps for the remedies to reduce power consumption.

## SST

Find out success stories of any two entrepreneurs and prepare a detailed report on how they emerged as successful entrepreneurs.

## MATH

To make PPT for similar triangles.

Roll No 1-9

Basic Proportionality

Theory & its converse & its application.

Roll No 10-18

Similarity rules of triangles with examples.

Roll No 19-27

Pythagoras Theorem & its converse & its application.

Roll No 28 onwards

Ratio of areas of two similar triangles & Theorem 10.5 with examples.

## HINDI

पत्रिकानिर्माण:

- RNO. 1001 – संपादकीय (प्रारंभ व अंतकापष्ठ)  
1008 – कहानी(दो)  
1014– विज्ञापन, चुटकले(दो-दो)  
1015 –लेख-समस्याप्रधान(एक)  
1016 – वर्गपहेलीविचार व सूक्ति(एक-एक)  
1021- यात्रा संस्मरण(एक)  
1026- प्रेरणादायकलेख (एक)  
1027-व्यंग्य लेख (एक)  
1028-घटनावर्णन(एक)  
1029-डायरी के पन्नोंसे(दो)  
1032- मुख्य पष्ठ(प्रथम)  
1034- कविता(दो)

## **PROJECT TIME**

For the multidisciplinary project on **WATER RESOURCES**, collect the following information.

### **For Science**

Collect information on names of various Dams of India, the rivers on which they are built and the area covered by them.

### **For SSt**

Mention the names of Water Resources of our country which are being shared with our neighboring countries. Also find out the problems faced during this process.

### **For Math**

Study data about 'Ganga Action Plan since 1985' and compare the %age of pollution increased or decreased during last 5 years. Also represent the data related to domestic and Industrial waste in Ganga during last 5 years in form of bar graph.

### **For Hindi**

पानी के झरने पर आधारित कविता लिखो ।

**\*Use A4 size colored sheets and mention the subject clearly in bold letters on the top of the sheet.**