CLASS - IX	SUMMER HOLIDAY HOMEWORK

GENERAL INSTRUCTIONS:

- Handwriting should be neat and legible.
- The holiday homework would be graded.
- The work should be original and not copied from internet.
- Entire work to be submitted in a folder to the class teacher latest by 06-07-12

ENGLISH/SOCIAL SCIENCE

1. Watch one of the following movies and write a film review in a file.
   a) Sound of music
   b) Hounds of Baskerville
   c) The Great Dictator
2. Ask your mother how she prepares your favourite dish. Write out it's procedure and paste pictures of the dish.

हिंदी

- दिल्ली अथवा जिस शहर में आप घूमने जाएँ उस स्थान पर आधारित आकर्षक विवरणिका (ब्रॉशर) चित्र सहित बनाएँ।

  आवश्यक निर्देश ः–

  आवरण पृष्ठ सुंदर बनाएँ।

  चित्रों का प्रयोग करें तथा नक्शा बनाएँ।

  दर्शनीय स्थानों के नाम, वेशभूषा तथा रहन–सहन, खान–पान आदि का वर्णन करें।

  वातावरण तथा मौसम की जानकारी दें।

  वहाँ जाने के यातायात के साधनों की जानकारी दें।

  जाने का उपयुक्त समय बताएँ।

- दिए गए विषयों में से किसी एक विषय पर चित्र सहित आकर्षक विज्ञापन बनाइए ः–

  साबुन पेन टीवी

  उदाहरण ः–

MATHEMATICS

Prepare a project report on the topic assigned as per your roll no.

TOPIC	ROLL NO.
1. History of PIE Introduction and meaning History of the mathematician who gave this concept. Value of Pie and its calculation Use of Pie	1-9
2. Exploring Fibonacci numbers. Explore in nature the things that correspond to Fibonacci numbers with pictures. For example: When counting the number of petals of a flower, it is most probable that They will correspond to one of the Fibonacci Numbers. It is seen that: a) White calla lily has one petal. b) Euphorbia have two petals. c) Trillium have three petals. Explore more such examples with pictures from internet.(give at least 6 examples)	10-18
3. Difference between axiom, postulates, lemma and theorem (with examples.)	19-27
4. Application of HERON'S FORMULA Calculate area of four triangular objects around you using heron's formula.	28-37

SCIENCE

Make a working model on the following topics (according to your roll no.)

S. NO.	TOPIC	ROLL NO.
1	Solar cooker	1 - 5
2	Water sensitive urban design to mitigate water shortage;	6 -11
3	Thermal Power Plant	12-16
4	Models / designs of fuel-efficient automobiles/machines;	17-21
5	Working model of effective transport system urban/rural areas	22-26
6	Showing the use of information technology for developing improved designs of machineries for textiles, engineering goods, machines, tools, chemicals, drugs and pharmaceuticals, plastics and eco friendly materials	27-31
7	Pollution free designs for automobiles	32-40

SOCIAL SCIENCE

(Disaster Management)
Select a Human induced disaster from the following according to your Roll no. And prepare a report on it covering following points :- (Paste pictures also)

TOPIC	ROLL NO.
Nuclear Accident	1 to 12
Chemical and Industrial Accidents	13 to 24
Biological disasters	25 to 40

Points to be covered:
Areas or industries prone to this disaster.
Any Recent happening (at least 2 examples)
Survival Skills
Preventions / Precautions that can be taken to avoid future recurrence (to be done in social science file).

संस्कृत

1.संधि के तीनों भेदों का नियमों व उदाहरणों सहित एक प्रोजेक्ट तैयार करे।

2. उच्चारण स्थानों का एक सुंदर सा चार्ट बनाएँ।

FRENCH

Make a beautiful 'French Magazine' wherein you can include Articles, Poems, Recipes, Jokes, Amazing facts, Stories, Interviews, Advertisements, Horoscopes etc.

COMPUTER

Make A4 sized collage/movie/website on a given topic:
"From Gender Discrimination to Gender Equality"
(What measures should we take to prevent the existing discrimination of women and prevent atrocities against girls and provide them with equal rights as men).

Happy Holidays!