SUBJECT - ENGLISH

1. Make a language file and compile your homework in it.
   Collect pictures and information about the famous personalities from the list given below and write a biographical paragraph on them (Any Three)
   - Mahatma Hansraj
   - Abdul Kalam
   - Mother Teresa
   - Medha Patkar

   Biographical sketch should include the following points :
   - Introduction
   - Childhood
   - Achievements
   - His/her contributions to the society

2. Your school has started with a 'Vertical' Garden Project. As a member of the 'Eco club' responsible for the maintenance of the vertical garden project, design an attractive pamphlet to be circulated amongst students to make this project popular among all. Include all the benefits, features and the instructions that this project will provide.

3. Read the newspaper for at least 15 days. In a separate notebook, note down two new words every day. Find out their meanings and make sentences of the same. Keep the notebook as your personal dictionary. You can continue adding words later.

4. Compassion was long considered a virtue, but it does not hold any importance today. The Present generation uphold only the value of self-gratification.

   Bearing in mind the statement written above, write a Story in about 200 words which is based on same theme.

विषय–हिन्दी

क)   विज्ञापन बनाएँ–

1.   मीसल रूबैला के टीकाकरण के लिए जनता को प्रेरित करते हुए विज्ञापन बनाएँ।

2.   21 जून योगदिवस के उपलक्ष्य में रोज़गार्डन में लगाए जाने वाले शिविर की जानकारी देते विज्ञापन बनाएँ।

ख)   पत्र लेखन–

1.   गर्मी की छुट्टियों में आप जिस पर्यटन स्थल पर गए उसकी जानकारी देते हुए मित्र को पत्र लिखे।

ग) परियोजना कार्य–

सामाजिक कुरीतियों की जानकारी एकत्रित कीजिए और इनके कारण व निवारण संबंधी परियोजना कार्य तैयार कीजिए। **सामाजिक कुरीतियाँ–** दहेज, अंधविश्वास, बालश्रम

घ) अनुच्छेद लेखन–
1. समय का महत्व
2. महँगाई
3. जल संरक्षण

<u>सारा कार्य स्क्रैप बुक में करें।</u>

SUBJECT: MATHEMATICS

1. Is 512 a perfect square?
2. Find the value of k such that 306452+k will become a perfect square.
3. Find s if 147 X s is a perfect cube.
4. Find edge of cube whose volume is 17.576.
5. The area of square field is 65536 sq.m. Find the cost of fencing the field at the rate Rs. 15 per m.
6. Show that 63504 is a perfect square. Also find the number whose square is 63504.
7. Find the smallest number by which 180 must be multiplied so that the product is a perfect square.
8. Find the greatest 5 digit number which is a perfect square.
9. Find the smalllest number of 5 digits which is a perfect square.
10. Which of the following are Pythagorean triplets?
    a. 18,80,82
    b. 16,63,65
11. Find the square root of 3 correct up to 3 places of decimal.
12. A 225mlong train crosses a 275 m long tunnel in 1 minute. Find the speed of train in km per hour.
13. A train 77 m long is running at 60 km per hour. If it takes 30 seconds to cross a bridge, find the length of the train.
14. F ind the cube root of the following
    a. 1331/4096
    b.-2197/9261
15. A contractor with a work force of 50 men can finish a piece of work in 5 months.In how many months the same work can be completed by 125 men?
16. Find the cube root of 175616 by estimation method.
17. Solve using identities
    a. (2x-6y)(2x+6y)

b. $(4d-7c)^2$

c. $(5m+8n)^2$

18. Solve using identities

a. $(2x-3y+z)^2$

b. $(-4a-4b+7c)^2$

c. $(2/3s-4/5t+7/2u)^2$

19. Solve using identities

a. $(4x+5)(4x-7)$

b. $(z-9)(z-16)$

20. Evaluate using suitable identity

a. 101^2

b. 97x103

c. 56^2

21. Find the least number which must be subtracted from2361 to make it a perfect square.

22 Find the least number which must be added to 4515600 to make it a perfect square.

SUBJECT: SCIENCE

1. Make a project on techniques to save electricity in a file folder.

2. Make a report on the map of World, indicate where Tsunami is more likely to occur. Try to find out the problems faced by people living in these regions. Take the help of newspaper clippings, School library or internet sources.

NOTE – Submit the holiday homework in a file folder.

SUBJECT: SOCIAL SCIENCE

1. Prepare PPT on the following topics. (One ppt from each group)

Roll No.	TOPIC
1-10	Methods of Water Conservation
11-20	Methods of Soil Conservation
21-30	Major Causes of Revolt of 1857 and results of revolt of 1857
31-40	Composition of Union government
41 onwards	Fundamental rights and duties

2. Prepare a Project on the following topics on the A4 size sheets.

Roll No.

(1 to 17)   Major sources of water pollution of river Satluj
(18 to 34)   Prepare a tabular chart on different wars mentioned in Ch. 9
(Establishment of Company Rule in India)
(35 to 51)   Collect pictures of violation of Fundamental rights from newspaper
and do mention which right is violated

3) Read Ch. no 2,9,16 and 17 and frame at least 10 very short Questions and write
the answers on assignment sheets.

4. Map work
a) Name and locate the following map items given in the syllabus booklet on the
outline map of the world

Ch	Page no.
2	65
3	65

b) Name and locate the following map items given in the syllabus booklet on the
political map of India.

Ch	Page no.
10	71
11	71

(Paste the maps on A4 size sheets)

SUBJECT: SANSKRIT

(1) एकतः तु शतम् पर्यन्तं संख्यानां लेखनम्।

(2) द्वाविंशति उपसर्गानां लेखनं पंचतःतु

सप्त उदाहरणानि लेखनीयानि।

(3) पुस्तकान्ते प्रदतानां कत्वा,ल्यप् आदि

प्रत्ययानां लेखनं संचिकायाम्।

ਛੁੱਟੀਆਂ ਦਾ ਕੰਮ ਪ੍ਰੋਜੈਕਟ ਫਾਈਲ ਵਿੱਚ ਕੀਤਾ ਜਾਵੇ

1. ਕਿਸੇ ਪੰਜਾਬੀ ਅਖ਼ਬਾਰ ਵਿੱਚੋਂ ਦਸ ਅਨਮੋਲ ਵਿਚਾਰ ਲਿਖੋ ।

2. ਵਾਤਾਵਰਨ ਵਿੱਚ ਵਧਦੇ ਪ੍ਰਦੂਸ਼ਣ ਦੇ ਕਾਰਨ ਤੇ ਰੋਕਥਾਮ ਦੇ ਕੁਝ ਸੁਝਾਅ ਲਿਖੋ ।

3. ਹੇਠ ਲਿਖੀ ਤਸਵੀਰ ਨੂੰ ਵੇਖ ਕੇ 50 ਸ਼ਬਦਾਂ ਵਿੱਚ ਵਰਨਣ ਕਰੋ ।

4. ਕਿਸੇ ਪੰਜਾਬੀ ਅਖ਼ਬਾਰ ਵਿੱਚੋਂ ਕੋਈ ਪੰਜ ਚੁਟਕਲੇ ਲਿਖੋ ।

5. ਸੁਲੇਖ (ਦਸ-ਦਸ ਸਤਰਾਂ ਲਿਖੋ)

   1. ਬਹੁਤੀ ਚਲਾਕੀ ਚੰਗੀ ਨਹੀਂ ਹੁੰਦੀ ।

   2. ਕਹਿਣਾ ਸੌਖਾ ਹੈ ਪਰ ਕਰਨਾ ਔਖਾ ਹੈ ।

   3. ਗਰੀਬ ਉਹ ਹੈ ਜਿਸ ਕੋਲ ਗਿਆਨ ਦੀ ਦੌਲਤ ਨਹੀਂ ।

   4. ਮਿਹਨਤ ਕਿਸਮਤ ਦੇ ਸਾਰੇ ਦਰਵਾਜੇ ਖੋਲ੍ਹ ਦਿੰਦੀ ਹੈ ।

   5. ਸਹੀ ਭਾਵਨਾ ਨਾਲ ਸਹੀ ਨਿਰਣੇ ਲਏ ਜਾ ਸਕਦੇ ਹਨ ।