ENGLISH

A. Write at least 10 Pages of handwriting neatly keeping in mind the correct formation of the alphabets. (Do it in A4 Size Sheets)

B. Prepare a G.K. notebook and write at least 20 questions for the quiz from each subject (Science, sports, awards, social issues etc) and current affairs in it.

C. Prepare a dictionary consisting of 20 difficult words and its meanings from the lessons given in English Literature (*FROM 'THREE QUESTIONS' TILL 'THE LUNCHEON')* in the following format: (Do it in Grammar notebook)

What does it mean?

Word:	Definition:

Part of speech:	Synonyms:	Antonyms:
o Noun o Verb o Adjective o Adverb		

Sentence:

D. Read the lesson 'The Fun they Had' and 'Father's Help' and fill the following format after reading the story. (Do it in A4 Size sheet)

5-Finger Retell

Title

Problem

Setting

Characters

Solution

Events

Beginning

Middle

End

E. Every moment together counts, so make the most of family time by watching movie along with your family members and spending quality time with them. Watch any one movie from the suggested ones along with your family members and attempt the movie review of the same. (To be done in A4 Size sheet)

- ✓ I am Kalam
- ✓ The Blue Umbrella
- ✓ Do Dooni Chaar
- ✓ Chillar Party
- ✓ Stanley ka Dabba

Movie Review

By: _____

The name of the movie is:
_____

The main characters are:
_____

The movie's genre is:
_____

Rating
★★★★★

I [liked/didn't like] this movie because:
_____
_____

What was the movie about (5 sentences):
_____
_____
_____
_____
_____

My favorite person is
_____, because
_____
_____
_____
_____
_____
_____

I would recommend this movie to:
_____(name)

Reason:
_____
_____

How does the movie make you feel:
_____
_____
_____

Movie Picture

iSLCollective.com

F. Read the story 'Three Questions' and 'The Luncheon' and analyze the character of the bearded man and the lady respectively and fill the details given in the format. (To be done in A4 Size sheet)

Characterization

Name_____   Date_____
Title_____
Author_____

Character's Name:

Direct Characterization
— What has the author told you?

Indirect Characterization
— What can you infer from the character's actions and interactions with others?

Description of Character:

CHEMISTRY

SOURCES OF ENERGY (ASSIGNMENT)

Q1. What is the ultimate source of energy? Why?

Q2. Name an important liquid fuel used to run generators and heavy vehicles.

Q3. Give example each of the following: Solid fuel, liquid fuel, Gaseous fuel.

Q4. What do you mean by fossil fuel? Name any two fossil fuel.

Q5. Name the gases produced by burning wood. Are these gases desirable? Explain briefly.

Q6. (a) Give few uses of coal

   (b) What are the disadvantages of burning coal?

   (c) Explain the process of destructive distillation of coal with labeled diagram. Name the main products obtained. Give two uses each of the product.

   (d) What is the advantage of doing destructive distillation of coal?

Q7. (a) Where does petroleum occur?

   (b) Name the gas found along with petroleum.

   (c) Write steps involved in extraction of petroleum from oil wells.

Q8. (a) What do you mean by refining?

   (b) What is the need of refining petroleum? What are the various products obtained after refining   of petroleum? Give one important use of each.

Q9. Coke is better fuel than coal. Why?

Q10. (a) Where does natural gas fields found in India?

    (b) Natural gas is preferred over coal and petroleum. Why?

Q11. Coal is found in many varieties. Name all the varieties of coal. Which variety is best and which one is poorest? Give reason.

Q12. (a) Name the states in India where major coal mines are located?

     (b) Name the states in India where largest coal mines are located?

PHYSICS

1) Fill in the blanks:
   a. The instrument which is used to measure liquid pressure is ....
   b. An object will not move if two equal forces are applied in .... Directions.
   c. Barometer was invented by......................
   d. The walls of a dam are .... Near the bottom than at the top.
   e. A positively charged particle always .... positively charged particle.
2) State three effects of force.
3) Why does nose bleed at high altitude?
4) Write the force which can change the shape of an object.
5) What is the cause of atmospheric pressure?
6) Choose the correct answer.
   a. The direction of frictional force acting on a moving object is ....
      i. Along the direction of motion
      ii. Perpendicular to the direction of motion
      iii. Opposite to the direction of motion
      iv. Any direction

    b. Two objects repel each other. This repulsion could be due to
      i. Gravitational force only
      ii. Magnetic force only
      iii. Electrostatic force only
      iv. Either electrostatic force or magnetic force
    c. Gravitational force acts on
      i. Only Planetary bodies
      ii. Only satellites
      iii. All bodies
      iv. None of these
    d. If the forces acting on a body are balanced, the net force on the body is ……..
      i. Greater than zero
      ii. Less than zero
      iii. Zero
      iv. Either greater or less than zero
    e. The strength of force is expressed by ……………
      i. Weight
      ii. Mass
      iii. Direction
      iv. Magnitude
    f. As we go deeper inside the container containing fluid, the pressure ………
      i. Increases
      ii. Decreases
      iii. Remains constant
      iv. Either increase or decrease
    g. Force acting on a unit area of surface is known as …………..
      i. Motion
      ii. Pressure
      iii. Force
      iv. Impulse
    h. Which of the following brings change in the state of the motion of an object?
      i. Pressure
      ii. Momentum
      iii. Impulse
      iv. Force

7) State True or False
    a. Electrostatic force is a no-contact force.
    b. Force has both magnitude and direction.

BIOLOGY

1) Prepare a dictionary of minimum 10 words including the scientific terms and difficult words from chapters "Crop Production and Its Management" and "Microorganisms- Friends or Foes". The dictionary has to be prepared in the class-work notebook.

2) Do the following assignment in the homework notebook.

CHAPTER-CROP PRODUCTION AND ITS MANAGEMENT

Q1) Pick out the odd one out from the following words given in the box and give reason for it.

Plough, seed drill, trowel, sickle.

Q2) If you are given a dry piece of land for cultivation, what will you do before sowing the seeds?

Q3) During which months do farmers grow mustard in India?

Q4) classify the following crops into Kharif and Rabi crops and write in tabular form:

Maize, paddy, mustard, pea, gram, wheat, groundnut, cotton.

Q5) Paddy is a major cereal crop in our country.

(a) In which season is paddy cultivated?

(b) Discuss the method of sowing.

(c) What measures must be taken to prevent spoilage and insect attack of harvested grains?

Q6) what is irrigation? Describe two methods of irrigation which conserve water.

Q7) Arrange the following agricultural practices in a correct order to make a flow chart of sugarcane crop production.

Irrigation, harvesting, sowing, preparation of soil, manuring, sending crop to sugar factory.

हिन्दी

1 10 पेज सुलेख कीजिए।

2 पाठ 1—4 तक के कठिन शब्दों का अर्थ सहित क्रमवार शब्दकोश तैयार कीजिए।

3 साहित्यकार शिव मंगल सिंह 'सुमन' के विषय में जानकारी प्राप्त कर उनके 'भूलते—भगते क्षण' संस्मरण को पढ़कर अपने विचार व्यक्त कीजिए।

4 'सौर ऊर्जा के स्रोत' विषय पर प्रभावशाली विज्ञापन तैयार कीजिए।

➢ सभी कार्य हल्के हरे रंग की ए—4 साइज़ की शीट पर करें व 4 जुलाई, 2018 को जमा कीजिए।

नैतिक शिक्षा

नैतिक शिक्षा के विषय में पाठ—4,6 और अन्य किन्हीं दो पाठ से दस—दस वस्तुनिष्ठ प्रश्न (objective type) निर्माण करें अपनी नैतिक शिक्षा की कॉपी पर लिखें।

संस्कृत

1 पाठ 1–3 में से 20 शब्दों का शब्दकोश क्रमानुसार कक्षा कार्य कॉपी में बनाइए।

2 भारत में जिन राज्यों में कोयला पाया जाता है – उनके संस्कृत में नाम लिखो और कोयले की खान का चित्र बनाइए।

3 पाठ्य पुस्तक सुरभिः के पृष्ठ संख्या 136 से 145 तक पूरा कीजिए।

SOCIAL SCIENCE

- **Interdisciplinary Project: Coal and Petroleum**
  1) Locate and label the areas having petroleum and coal deposits on a world political map
  2) Mention any five uses of Coal and petroleum in our daily lives.

Note: The above activity is to be done on yellow pastel sheets and submitted in a folder with other subjects.

Rubrics of Assessment

- Originality:1
- Creativity:2
- Presentation: 2
  TOTAL=5
- Find out the meanings of difficult words from the given chapters (at least 10 words from each chapter) and write it chapter wise in your classwork notebook.

History: Ch-9, 10, 11

Civics: Ch-17 & 18

Geography: Ch-1, 2, 3

- Locate and label the following on a political Map of India
  1) States and their Capitals
  2) 7 Union territories

Paste the same in your geography classwork notebooks.

- Revise and learn the Q/A of the following chapters
  Geography: ch1
  History: Ch 8 & 9
  Civics: Ch-16 &17

YOGA

Write about importance of Surya Namaskar on a A4 size sheet

OR

Write about importance of yoga and meditation on a A4 size sheet

COMPUTER SCIENCE

1. Explore Internet for the links given in Chapters 1 & 2 of
   Hands On' to see the videos and complete the activities given on the
   following pages in the book itself.

   Chapter-1 Page No-2, 3, 4, 7, 12, 13, 15, 17

   Chapter-2 Page No-21, 22, 24, 27, 32, 33, 34, 38, 42, 43

2. Practice the activities given on Page no. 47,48 at home

3. Conduct the Locality Survey given on Page No.19 with 5 neighbours

4. Explore following new software at home to learn how to:
   ○ unleash your creativity and bring your ideas to life with Paint 3D.
   ○ create your own interactive stories, games, and animations with
     Scratch.
   ○ bring your digital photos to life with PhotoStory.
   ○ create visually striking presentations with Sway.
   ○ build, share and play games with Kodu.
   ○ create interactive multiplayer games with Minecraft.

MATHEMATICS

1. Do Assignment on loose sheets.
2. Prepare line graphs of amount of production of coal and petroleum in last 10 years
   in India
3. Prepare a dictionary of 20 key words(C.W register) from the following chapters :
   a. Square and Square roots
   b. Cube and Cube roots
   c. Introduction to graphs

ASSIGNMENT

Q1. The edge of a cube is 4cm, so its volume is _____cm^3

Q2. The volume of a cube is 8cm^3, so its edge is _____cm long.

Q3. The edge of a cube is increased from X cm to 2X cm, so its volume increases from X^3 cm^3 to _____cm^3

Q4. The cube of a negative integer is ____ (greater/smaller) than the integer.

Q5. Multiply 210125 by the smallest number so that the product is a perfect cube. Also find the cube root of the product.

Q6. What is the smallest number by which 8192 must be divided so that quotient is a prefect cube? Also, find the cube root of the quotient so obtained.

Q7. Three numbers are in the ratio 1:2:3.The sum of their cubes is 98784. Find the numbers

Q8. The volume of a cube is 9261000m3. Find the side of the cube.

Q9. Plot any three points such that x-coordinate of each point is equal to its y-co-ordinate. Join these points in pairs. Do they lie on a line passing through origin?

Q10. The perimeter P and side S of a square are connected by the relation P = 4 X S. Draw the graph of this relation on the graph paper

Q11. Draw a graph to convert miles to kilometers, given 1 mile=1.6 km. use the graph to find

   a) How many kilometers are approximately equal to 4.5 miles?
   b) How many miles are approximately equal to 8 km?

Q12. What is the distance of a point from y axis called?

Q13. The ordinate of a point is its distance from the_____.

Q14. Find square root of   1. $23\frac{394}{729}$ 2.   0.00053361

Q15. Find square root of 14400.

Q16. Find square root of $2\frac{1}{12}$ correct to 3 decimal places.

Q17. Find the least no. that must be added to 252 to make it a perfect square

Q18. Find the least no. that must be subtracted from 1989 to make it a perfect square.

Q19. Find the length of largest side of square whose area is 441

Q20. Estimate square root nearest to a whole no. of 80

Q21. Find square root by repeated subtraction

      1) 121   2)81   3)49   4)169

Q22.   Find square root by prime factorization method

      1) 4096   2) 24336

Q23.   Find the smallest square no. (Perfect sq.) Which is divisible by each of 6, 9 and 15

Q24. Find the smallest no. by which 2925 must be divided so as to get a perfect sq. Also find the sq. root of the sq. no. so obtained.

Q25. Look at the digits in one's place and match the no. with its cube root:

      (a) 12167   (i) 44

      (b) 54872   (ii) 57

(c) 85184   (iii) 38

(d) 185193   (iv) 23

Q26 Ankit can ride a scooter constantly at a speed of 50 km/hr. Draw a distance-time graph for this question. Use it to find

     a) The time taken by Ankit to ride 200 km.

     b) The distance covered by Ankit in $2\frac{1}{2}$ hrs.

Use the following table of values:

Time(in hours)	1	2	3	4	5
Distance covered(km)					