SL	SUBJECT	TOPIC/QUESTION	WRITE IN

01	ENGLISH	**Grammar**: Frame five sentences for each tense given below:
		    1 Simple Present
		    2 Present Continuous
		    3 Present Perfect
		    4 Present Perfect Continuous
		    5 Simple Past
		    6 Past Continuous
		    7 Past Perfect
		    8 Past Perfect Continuous
		    9 Simple Future
		    10. Future Continuous
		
		Creative Skills: Create your own story based on the Poem - 'Granny's Tree Climbing'. Before Writing the story, fill in the format given to you - 'Planning a Story '
		
		Writing Skills: Write 25 idioms with their meanings and use atleast 10 idioms to frame own sentences.
		
		Reading Skills: Read any two Story books and prepare a reading log stressing on the characters and the values imbibed.
			Homework Books
			
			A4 size Paper
			
			Activity Book
			
			A4 Size Paper

02	HINDI 2L	1) संवाद लेखन i) पिंजरे में कैद न करने के लिए पक्षी और मनुष्य के बीच हुई बातचीत को संवाद के रूप में लिखिए। ii) दरबारी और शाह के बीच दारा को लेकर हुई बातचीत को संवाद के रूप में लिखिए। 2)निम्नलिखित विषयों पर 100 शब्दों में अनुच्छेद लिखिए। i) मेरा जीवन लक्ष्य ii) यदि मैं पक्षी होता/होती iii) भारत के राष्ट्रीय पर्व iv) वर्तमान पर्यावरण में पेड़ों की आवश्यकता 3) पत्र लेखन i) विद्यालय में छात्रों को पीने के लिए स्वच्छ जल की व्यवस्था के लिए प्रधानाचार्य जी को पत्र लिखिए। ii) डाकिए की लापरवाही के कारण आपकी चिट्ठियाँ सही समय पर नहीं मिल रही है। इसकी शिकायत करते हुए नज़दीकी डाक प्रमुख को पत्र लिखिए।	1- HWB 2- HWB 3- HWB
03	TELUGU 2L	1)అవయవ దానము పై ప్రజలకు చైతన్యం కలిగించమని ఈనాడు వార్త పత్రికకు లేఖ రాయండి. 2)వేసవి కాలం సెలవులలో మీరు చూసిన ఏదైనా ఒక సంఘటన గురించి మీ అనుభూతిని దినచర్య రూపంలో రాయండి. 3) పర్యాయ పదాలు (పేజీ -165)1-15పదాలు రాయండి 4) నానార్థాలు (పేజీ -165)మొత్తం రాయాలి. Note - Home Work book లో మాత్రమే రాయాలి.	HWB
04	TELUGU 3L	1 వర్ణమాల. 2 గుణింతములు 3. భాషాభాగాలు 4. చదువుదాం పాఠ్య కవిని గూర్చి వ్రాయుము. 5. చదువుదాం గేయాన్ని వ్రాయండి. (H W) BOOK	HWB
05	MATHS	1.Find the value of : $\sqrt{177} + \sqrt{2304}$ 2. How many non-square numbers are there between 132 and 142. 3. Find the square root of 844.4836 by long division method. 4. The area of a rectangular field whose length is twice its breadth is 2450 m2. Find the perimeter of the field. 5. Find the square root of 10 correct to three places of decimals. 6. Find the least number which must be subtracted from 6203 to obtain a	A4 sheet paper

		perfect square. Also find, square root of the number so obtained. 7. Find the side of a square whose area is equal to the area of rectangle whose dimensions are 4cm and 9cm 8. Find the least number by which 588 should be multiplied so that the product thus obtained is a perfect square. 9. Find the least number of six digits which is a perfect square. Also find its square root. 10. Using the long division method, find the value of $\sqrt{2}$ and $\sqrt{3}$ (correct to one place of decimal). Hence evaluate $\sqrt{12} + \sqrt{18}$ 11. How many natural numbers lie between $\sqrt{12}$ and $\sqrt{13}$ 12. Find the value of $\sqrt{300} \times \sqrt{144}$ 13. Find the greatest number of 6 digits which is a perfect square. Also find the square root of the resulting number.	
06	SCIENCE	**PHYSICS :** *** Mention and represent the five effects of force with two examples each diagrammatically . (only drawing & no pasting of pictures) in your **activity book**. **CHEMISTRY** : *** Make a list of any 10 articles used at home and school ,which are made up of metals or alloys. Write their composition in tabular form in your **activity book**. **BIOLOGY:** Make a model of either Plant Cell or Animal Cell with Biodegradable materials, it should be colourful , Importance to be given to the shape of the Organelles. It can be miniature also. Imagine a story, poem or cartoon that shows role or interaction of microorganisms in our life.	Activity book Activity book Model Activity book
07	SOCIAL SCIENCE	1. Locate and label on a world political map areas of high and low rainfall regions. 2. Locate and label on a world political map areas of evergreen, deciduous, Mediterranean and temperate softwood forests. 3. Locate and label on an India political map the following places Delhi, Agra, Meerut, Lucknow, Kanpur, Barrackpore, Jhansi, Gwalior.	Paste Maps in Activity book

PRINCIPAL

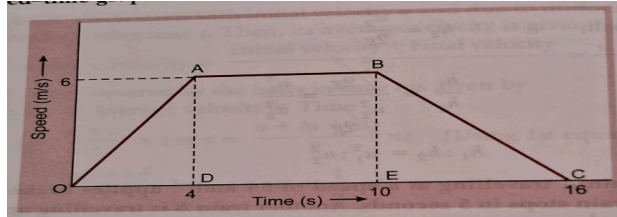| SL	SUBJECT	TOPIC/QUESTION	WRITE IN
01	ENGLISH	1.GIVE THE PICTORIAL DEPICTION OF THE BROOK'S JOURNEY FROM THE BEGINNING TILL IT JOINS THE RIVER 2. READING REPORT - READ ANY TWO NOVELS AND PREPARE A READING LOG, WRITE THE REVIEWS STRESSING ON THE CHARACTERS AND VALUES IMBIBED 3. GIVE A WELL WORDED, PICTORIAL DEPICTION OF YOUR VACATION (one week) 4. WRITE 5 IMPORTANT NEWS HEADLINES OF ANY 10 DAYS OF YOUR VACATION	1.Activity book 2.A4 size paper 3. A4 size paper 4. Home work books
02	HINDI 2L	1)पोर्टफोलियो के प्रारूप के अनुसार जानकारियाँ प्राप्त कीजिए और A4 साइज के पेपर पर लिखिए। 2) नामदेव, कबीर, त्रिलोचन, सधना और सैनु इन पाँचों संतों का चित्र ACTIVITY BOOK में चिपकाकर इनके बारे में संक्षिप्त विवरण कीजिए। 3) अलग अलग प्रकार के साँपों का चित्र ACTIVITY BOOK में चिपका कर प्रत्येक का वर्णन लगभग 40-40 शब्दों में कीजिए। 4)एकदिवसीय क्रिकेट मैच के विषय में दो मित्रों के बीच होने वाली बातचीत को संवाद के रूप में लिखिए। 5)निम्नलिखित विषयों पर 80-100 शब्दों में अनुच्छेद लिखिए। i)आदर्श विद्यार्थी,ii)मानव जीवन में व्यायाम का महत्व, iii)प्रदूषण-कारण और निवारण iv) सादा जीवन उच्च विचार	1- A4 size paper 2- ACTIVITY BOOK 3-ACTIVITY BOOK 4- HWB 5- HWB
03	MATHS	1) Find two rational numbers in between $-\frac{3}{4}$ and $-\frac{4}{5}$ 2) Find Rational and Irrational numbers from the following a)$\sqrt{0.004}$ b)$-\sqrt{0.64}$ c)$\sqrt{-4}$ d) $3\sqrt{8}$ e)$\sqrt{2}$ 3) Represent on the number line (i)$\sqrt{8.3}$ ii) $\sqrt{8}$ 4) Simplify i) $0.\overline{7} - 3.5\overline{6} + 4.1\overline{23}$ (ii) $5.\overline{6} - 3.0\overline{53}$ 5) Find the following are rational and irrational i)$(2\sqrt{3} + 3\sqrt{2})(2\sqrt{3} + 3\sqrt{2})$ ii) $(2\sqrt{3} + 3\sqrt{2})(2\sqrt{3} - 3\sqrt{2})$ iii) $(\sqrt{5} - \sqrt{3})(\sqrt{3} - \sqrt{5})$ iv) $(7 + \sqrt{2})(\sqrt{2} - 7)$ v) $3\sqrt{12} / 6\sqrt{24}$ 6) if x = $3+\sqrt{8}$ *find the value of* i) $x + \frac{1}{x}$ ii) $x^2 + \frac{1}{x^2}$ iii) $\sqrt{x} + \frac{1}{\sqrt{x}}$ iv) $x - \frac{1}{x}$ v) $x^2 - \frac{1}{x^2}$ 7) if x = $\frac{\sqrt{3} + \sqrt{2}}{\sqrt{3} - \sqrt{2}}$. Find the value of i) $x^2 + \frac{1}{x^2}$ ii) $x^2 - \frac{1}{x^2}$ 8) Simplify $\frac{7\sqrt{3}}{\sqrt{10} + \sqrt{3}} - \frac{2\sqrt{5}}{\sqrt{6} + \sqrt{5}} - \frac{3\sqrt{2}}{\sqrt{15} + 3\sqrt{2}}$ 9) Simplify i) $\sqrt[4]{81} - 8\sqrt[3]{216} + 15\sqrt[5]{32} + \sqrt{225}$ ii) $\sqrt[3]{3} + 2\sqrt{27} + \frac{1}{\sqrt{3}}$ (iii) $\sqrt[3]{2} \cdot \sqrt[4]{2} \cdot \sqrt[12]{32}$ 10) Find the values 'a' and 'b' (i) $\frac{\sqrt{5} - \sqrt{6}}{\sqrt{5} + \sqrt{6}} = a + b\sqrt{30}$ ii) $\frac{6}{3\sqrt{2} - 2\sqrt{3}} = a\sqrt{2} - b\sqrt{3}$ iii) $\frac{7 + \sqrt{5}}{7 - \sqrt{5}} - \frac{7 - \sqrt{5}}{7 + \sqrt{5}} = a + \frac{7}{11}b\sqrt{5}$ 11) if $\frac{4\sqrt{3} + 5\sqrt{2}}{\sqrt{48} + \sqrt{18}} = a - b\sqrt{6}$. Then the value of 2a+3b 12) Simplify $\left(\frac{x^a}{x^b}\right)^{a+b} \cdot \left(\frac{x^b}{x^c}\right)^{b+c} \cdot \left(\frac{x^c}{x^a}\right)^{c+a}$	1
04	SCIENCE	**BIOLOGY:** **Collect information about Photosynthetic bacteria, How this type of bacteria is different from Pathogenic bacteria. Show diagramaticallly.**	

How can you demonstrate applications of Osmosis and Plasmolysis in your daily life. Diagramatically prove any two applications.

CHEMISTRY: Assess the following elements on the basis of their state of matter and their properties and how these are put to practical use on this basis.
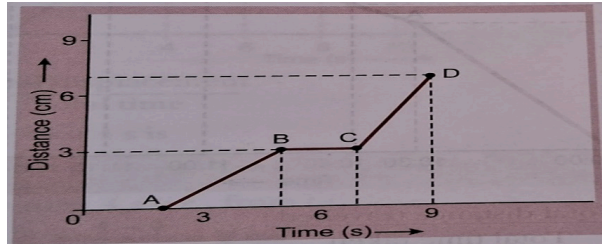ELEMENTS- Hydrogen, Sodium, Oxygen, Calcium, Nitrogen, Carbon, Copper,Oxygen,Mercury,Chlorine and Iron.

Physics: Complete the given worksheet:
1. a) Convert 80 km/h to m/s   b) Convert 10m/s into km/h
2. Study the speed time graph of a body given here and answer the following questions:

     i)   What type of motion is represented by OA, AB and BC?
     ii)   Find out the acceleration o the body.
     iii)   Find out the distance travelled by the body from A to B.
     iv)   Calculate the retardation of the body.

3. The graph given below shows the positions of a body at different times.
Calculate the speed of the body as it moves from i) A to B , ii) B to C iii) C to D.

4. The distance travelled by a train and time taken by it is shown in the following table:
     i) Plot the distance-time graph
     ii) What is the average speed of the train?
     iii) When is the train travelling at the highest speed?
     iv) At what distance does the train slow down?
     v) Calculate the speed of the train between 10:40 AM to 11:00 AM

Time	Distance (in km)
10:00 AM	0
10:30 AM	25
10:40 AM	28
11:00 AM	40
11:15 AM	42
11:30 AM	50

Activity book

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05 — SOCIAL SCIENCE

Geog : Disaster Management Project. List out any five Natural & Manmade disasters. Elucidate the detailed information with pictures and data of any one Disaster (preferably Recently occurred in India.)

Activity Note book.

HIS. : (1) Name & draw / paste neatly the political symbols of France.

Activity Note book .

     (2) Read text book Lesson -1 & draw a flow chart of the outbreak of French revolution

ECO: What are the various activities in primary, secondary and tertiary sector with relevant examples.

Activity Note book.

PRINCIPAL

SL	SUBJECT	TOPIC / QUESTION	WRITE IN
01	ENGLISH	1. CREATE COMIC STRIPS BASED ON 'THE TRIUMPH OF SURGERY' (You may take dialogues from the text or create your own dialogues) 2. READING REPORT - READ ANY TWO NOVELS AND PREPARE A READING LOG, WRITE THE REVIEWS STRESSING ON THE CHARACTERS AND VALUES IMBIBED 3. GIVE A WELL WORDED, PICTORIAL DEPICTION OF YOUR VACATION (one week) 4. WRITE 5 IMPORTANT NEWS HEADLINES OF ANY 10 DAYS OF YOUR VACATION	1.Activity book 2.A4 size paper 3. A4 size paper 4. Home work books
02	HINDI 2L	1)पोर्टफोलियो के प्रारूप के अनुसार जानकारियाँ प्राप्त कीजिए और A4 साइज के पेपर पर लिखिए। 2)रोचक और प्रेरक लघु कथाओं को पढ़िए तथा किन्हीं दो कथाओं से संबंधित निम्नलिखित प्रश्नों के उत्तर लिखिए:- i) कहानी का नाम …………….. ii) लेखक …………….. iii) पढ़ने की तिथि …………… IV) पढ़ने का समय …………… V) कहानी में कुल पात्रों की संख्या …… VI) पात्रों के नाम……………………. VII) कहानी से मिली शिक्षा: 3) कलम और साइकिल दो वस्तुओं के लिए सुंदर, आकर्षक और रंगीन विज्ञापन तैयार कीजिए। 4)किन्हीं 25 मुहावरों को पढ़ समझकर अर्थ के साथ उनका वाक्य प्रयोग कीजिए। 5)आप के द्वारा की गई किसी यात्रा का सचित्र वर्णन कीजिए।	1)A4 SIZE PAPER 2) HW 3) HW 4) HW 5)ACTIVITY BOOK
03	TELUGU 2L	1 L -1 పాఠ్య భాగకవిని గురించి వ్రాయండి. 2. L-1 - 1 వ మరియు 2వ పద్య ప్రతి పదార్థాలు వ్రాయండి. 3. L-1- 1 వ మరియు 2 వ ప్రశ్న జవాబులను వ్రాయండి. 4. మీకు ఇచ్చిన దినచర్యలో ఒకదానిని వ్రాయండి.	
04	MATHS	**Chapter 1. Real Numbers** 1) Find the LCM and HCF of 6 and 20 by the prime factorisation method. 2) Find the HCF of 96 and 404 by the prime factorisation method. Hence, find their LCM. Given that HCF (306, 657) = 9, find LCM (306, 657). 3) Two positive integers a and b can be written as $a = x^3y^2$ and $b = xy^3$, where x, y are prime numbers. Find LCM (a, b). 4) What is the HCF of the smallest composite number and the smallest prime number. 5) Check whether 6^n can end with the digit 0 for any natural number n. 6) Prove that $\sqrt{2}, \sqrt{3}, \sqrt{7}, \sqrt{11}$ is irrational. 7) Show that $5 - \sqrt{3}$ is irrational. 8) A circular field has a circumference of 360 km. Three cyclists start together and can cycle 48, 60 and 72 km a day around the field. When will they meet again? 9) In a morning walk, three persons step off together, their steps measuring 80 cm, 85 cm and 90 cm, respectively. What is the minimum distance each should walk so that he can cover the distance in complete steps? **Chapter 2. Polynomials** 10) Find the zeroes of the quadratic polynomial, and verify the relationship between the zeroes and the coefficients. 11) Find a quadratic polynomial, the sum and product of whose zeroes are − 3 and 2, respectively. 12) Find a quadratic polynomial each with the given numbers as the sum and product of its zeroes respectively. (i) (1,1) (ii) (0, $\sqrt{5}$) (iii) (^{1}, −1) (iv) ($\sqrt{2}$, ^{1}) 13) For a quadratic polynomial whose zeros are reciprocal of the zeroes of the polynomial $f(x) = ax^2 + bx + c, c \neq 0$. 14) Find the value of k such that the polynomial $x^2 – (k + 6) x + 2 (2k – 1)$ has the sum of its zeroes equal to half of their products. 15) If 1 is a zero of the polynomials $ay^2 + ay + 3$ and $y^2 + y + b$, then find the value of ab. 16) If α and β are zeros of the polynomial $x^2 – p(x + 1) + c$ such that $(α + 1)(β + 1) = 0$, then find the value of c 17) If α and β are zeros of the polynomial $x^2 – 5$, then form a quadratic polynomial whose zeros are $1 + α$ and $1 + β$. 18) Find the value of k for which the zeroes of the polynomial $3x^2 – 10x + k$ are reciprocal of each other. **Chapter 3. Pair of Linear Equations in Two Variables** 19) Check graphically whether the pair of equations $x + 3y = 6$ and $2x – 3y = 12$ is consistent. If so, solve them graphically. 20) Which of the following pairs of linear equations are consistent/inconsistent? If consistent, obtain the solution graphically: 21) (i) $x + y = 5, 2x + 2y = 10$ (ii) $x – y = 8, 3x – 3y = 16$	HW

		22) (iii) $2x + y - 6 = 0$, $4x - 2y - 4 = 0$ (iv) $2x - 2y - 2 = 0$, $4x - 4y - 5 = 0$ 23) Solve $2x+3y=11$ and $2x - 4y = -24$ and hence find the value of 'm' for which $y = mx + 3$. 24) For what value of k, does the system of linear equations $2x + 3y = 7$ and $(k - 1)x + (k + 2)y = 3k$ have infinitely many solutions. 25) A fraction becomes 1/4 when 1 is subtracted from the numerator and it becomes $^{1/3}$ when 8 is added to its denominator. Find the fraction. 26) In a competitive examination, one mark is awarded for each correct answer, while $^{1/4}$ mark is deducted for every wrong answer. Rahul answered 120 questions and got 90 marks. How many questions did he answer correctly? 27) A father's age is three times the sum of the ages of his two children. After 5 years, his age will be two times the sum of their ages. Find the present age of the father. 28) The taxi charges in a city consist of a fixed charge together with the charge for the distance covered. For a distance of 10 km, the charge paid is □105 and for a journey of 15 km, the charge paid is □155. What are the fixed charges and the charge per km? How much does a person have to pay for travelling a distance of 25 km? 29) Places A and B are 100 km apart on a highway. One car starts from A and another from B at the same time. If the cars travel in the same direction at different speeds, they meet in 5 hours. If they travel. towards each other, they meet in 1 hour. What are the speeds of the two cars? 30) Five years hence, the age of Jacob will be three times that of his son. Five years ago, Jacob's age was seven times that of his son. What are their present ages?	
05	SCIENCE	**PHYSICS** : * Draw the image formation by convex & concave spherical mirrors & lenses neatly on **graph sheets** for object placed at different positions from mirror/lens. Also mention the properties of the image formed . (locate the position of object & image clearly by showing the directions of the rays using arrows.) **BIOLOGY :** ***What do you mean by Life style diseases? How present day people are suffering from different diseases at an early age? Collect very relevant, diagrammatic explanation of Cause of the disease, Symptoms, Preventive measures of that particular disease.** **(any two life processes to be considered while collecting data)** ***Read any one scientist Biography and write 100 words about him/her, and also mention what you have learnt from that person.** CHEMISTRY: Imagine Yourself as following- I.Skin,ii.Vegetable(any),iii.Fruit(any),iv.MetalBridge,v.Metal Extraction from Ore(any). Illustrate the impact of Oxidation and Reduction Process and their preventive measures on the above things.	A4 sheets

06	SOCIAL SCIENCE	**Geog.:** Draw an outline map of India. Locate and label types of soils, write main features of each one.
		  HIS: Read text book lesson-1 & prepare a mind map neatly on the following topics separately
		     A) Greek Revolution.
		     B) Napolean. (1769 to 1821)
		     C) Changes during French revolution.(1789)
		 Civics: 1.Read Text book page no-7 and write your opinion on Kalils dilemma.
		 2. Make a tabular format on forms of power sharing with examples.
		 Eco: Read Text book Lesson no-2 & collect and give brief information on sectors of Indian economy based on:
		 1. Nature product. 2. Owner ship. 3. Working condition with examples.
			Activity book
			
			 Activity book

PRINCIPAL.