

D.A.V. PUBLIC SCHOOL, ACC JAMUL
SUMMER VACATION HOME WORK
(2025-26)
CLASS-IX

SUBJECT - ENGLISH

1. Make a project on - Glimpses of Kerala. Do it in file page.
2. Read the English newspaper daily and cut at least 5 news articles and paste it.
3. Write a review on any book or novel written by "Sudha Murthy" which is not in your

literature book. Include the following points :

- The name of the book, author, illustrator and publisher.
- The plot
- Characters (add images)
- What you liked and disliked about the story or the character.
- Anything in the story that touched you or you found interesting/funny/exciting/scary.

(Note:- Complete the above in file page.)

Subject teacher: 1. _____

2. _____

SUBJECT - HINDI

1. स्पर्श पाठ्य पुस्तक से 10-10 अनुस्वार और अनुनासिक शब्द ढूँढकर लिखिए।
2. कोई भी पाँच चित्र चिपकाकर उससे संबंधित चित्र-वर्णन लिखिए। (फाइल पेज)
3. किन्हीं पाँच विषयों पर संवाद लेखन लिखिए।
4. संचयन पाठ्य पुस्तक से 'गिल्लू' कहानी पढ़कर वर्तमान समय में पशु-पक्षियों की सुरक्षा के उपाय को ध्यान में रखते हुए एक अनुच्छेद लिखिए।
5. हमारे देश में अनेकता में एकता है इस बात को ध्यान में रखते हुए केरल और छत्तीसगढ़ के खान-पान, संस्कृति और पहनावे को सचित्र समझाकर वर्णन कीजिए। (फाइल पेज)
6. केरल और छत्तीसगढ़ के सौंदर्य का सचित्र वर्णन कीजिए। (फाइल पेज)

Subject teacher: 1. _____

2. _____

SUBJECT - SANSKRIT

1. वर्ण परिचय तथा उच्चारणस्थान तालिका निर्माणम्।
2. शब्दरूपाणि (बालक, मुनि, साधु, पितृ, मतिः, नदी, लता, फल)। सर्वनाम शब्दरूपाणि-(तत्, किम्) तीनों लिङ्गों में तथा
अस्मद्, युष्मद्।
3. धातुरूपाणि-(परस्मैपदी)(गम्, नम्, भू, कृ, नी,) पांचो लकारों में। (आत्मनेपदी) सेव्, लभ्, रुच् (लट् तथा लृट् लकार में)
4. संख्या-(1-100) तक। (शब्दरूप, धातुरूप तथा संख्या को लिखकर याद करेंगे।)
5. अव्यय पदों से वाक्यनिर्माण-(एकदा, सर्वत्र, बहिः, इतस्ततः, श्वः, ह्यः, अधुना, पुरा, किमर्थम्, अद्य, कदा, कुतः।)
6. रचनात्मक कार्यम्-(पत्रपूर्ति-2, संवाद पूर्ति-2, अनुच्छेद लेखनम्-2 तथा चित्राधारित संस्कृत में वाक्यनिर्माण (पांच वाक्य।)

7. प्रायोजना कार्यम् (Project work)

(तरवे नमोऽस्तु) पाठ के आधार पर किन्ही तीन वृक्षोंके महत्व संस्कृत में (सचित्र) वर्णन करेंगे।

8. ART INTEGRATED ACTIVITY-

केरल से सम्बंधित पांच पर्यटनस्थल, पांच नृत्य, तथा पाँच महापुरुषों का सचित्र वर्णन संस्कृत में फाइल पेज में करेंगे।

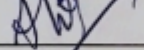
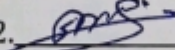
Subject teacher: 1. S.K. Panda 2. _____

SUBJECT - MATHS

Solve the following-

1. find 3 rational numbers between- (I) $1/3$ & $1/2$ (II) -2 & 0
2. Write 2 rational numbers between- $2/3$ & $5/6$
3. Which of the following decimal have terminating- (I) $7/20$ (II) $2/13$ (III) $23/7$ (IV) $133/125$
4. Express these in the form of p/q
(I) $0.\overline{6}$ (Bar 6) (II) $0.\overline{27}$ (Bar 27) (III) $3.\overline{7}$ (Bar 7)
5. Identify that following are rational or irrational
(I) $\sqrt{121}$ (II) $(3+\sqrt{5})-\sqrt{5}$ (III) $(2\sqrt{27})/\sqrt{3}$ (IV) $\sqrt{135}$ (V) $1.\overline{21}$ (Bar 21) (VI) $1.101001000\ldots$
6. Rationalise- (I) $\sqrt{5}/\sqrt{3+2}$ (II) $(2+\sqrt{3})/\sqrt{7-2}$ (III) $4/\sqrt{7+3}$
7. Find the value of a & b , if -
(I) $\sqrt{3-1}/\sqrt{3+1} = a + b\sqrt{3}$ (II) $\sqrt{3+2}/\sqrt{3-2} = a + b\sqrt{2}$
(III) $\sqrt{7-1}/\sqrt{7+1} - \sqrt{7+1}/\sqrt{7-1} = a + b\sqrt{7}$
8. Simplify the following- (I) $(\sqrt{2}+2)^2$ (II) $(2-\sqrt{2})(2+\sqrt{2})$ (III) $(\sqrt{2}+\sqrt{3})^2$
9. Find the remainder when (y^3+y^2-2y+5) is divided by $(y-5)$ with division method.
10. Find the remainder when polynomial (x^4-3x^2+2x-5) is divided by $(x-2)$ by using remainder theorem.
11. Complete chapter 1st.
12. Revise chapter 1st.

ACTIVITY:- 1) Prepare a square-root spiral up to $\sqrt{17}$ on a large size full chart paper and decorate it by using waste materials like match stick, colour thread etc.

Subject teacher: 1.  2. 

SUBJECT - SCIENCE

PHYSICS

1. Automobiles are fitted with a device that shows the distance and speed called odometer. Note down one week readings of your own vehicle (car/motorcycle/scooty) and find the average distance and average speed covered. Make a chart for the same.

CHEMISTRY

1. Explain activity no 1.1 to 1.8 on following heads:

- a) Aim
- b) Diagram
- c) Explanation
- d) Conclusion

2. Prepare a model (working/static) to demonstrate movement of particles in solids, liquids and gases.

BIOLOGY

Activity (Practical based)

1. Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells & to record observations and draw their labeled diagrams.
2. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams.

Subject teacher: 1. _____

2. _____

SUBJECT - SOCIAL

- (i) Learn the taught portions.
- (ii) On an A4 size political world map, locate all the countries. (Labeling must be done with pencil and attach it in a file page. Take care that work is done neatly).
- (iii) Write the name of all the countries and their capitals in file page. (Try to write in a creative way.)
- (iv) Prepare a project on "Food Security". Project must be done in file page. Essential pictures should be included along with Index, Acknowledgement and Certificate,
- (v) Make a Calendar on the historical sites of Kerala and Chattisgarh.

Subject teacher: 1. _____

2. _____

SUBJECT - AI

Sustainable Development Goals :- (AI Portfolio) ANY -2

- Zero Hunger
- Gender equality
- Life below water
- Quality of Education

Subject teacher: 1. _____

2. _____

CLASS TEACHER

PRINCIPAL