



SPRINGDALES
• Our Best Always •

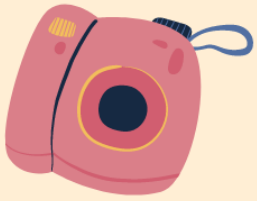


Summer



Holiday Homework

2024 - 25



SPRINGDALES SCHOOL
SUMMER HOLIDAYS
HOMEWORK SESSION:2024-25
CLASS:9th

SUBJECT	TOPIC
ENGLISH	<p>(Roll no 1-13) 1)Compare and contrast between the works of well-known writers of Gujarat and Jammu &Kashmir. (The activity has to be done on A4 size sheets. Students can select novel, poetry, or drama.</p> <p>(Roll no 14-27) 2)Design your own newspaper. The newspaper should have four sections. A brief introduction about the states. Quotes by famous poets. Poetry or story by famous poets /authors Handicrafts of both states</p> <p>3)Prepare creative mind maps of the following chapters on A4 size sheet. A Truly beautiful mind Iswaran the storyteller</p> <p>Questionnaire Making How to do: Prepare 15 multiple choice questions from the story a) From the diary of Anne Frank b) His first Flight c) A Truly beautiful mind Where to do: A-4 size pastel sheets Revise the Syllabus.</p>
HINDI	<p>प्रश्न 1. जम्मू-कश्मीर/ गुजरात के, प्राकृतिक सौंदर्य/ विकास को ध्यान में रखते हुए नीचे दी गई सूची में से किन्हीं दो विषयों को चुनकर स्वरचित कविताएँ लिखें। अपनी कविताओं को शीर्षक सहित ए4 साइज़ शीट पर लिखें। कविता से संबंधित चित्र भी बनाएँ।</p> <ul style="list-style-type: none">• नदियाँ• त्यौहार• मंदिर <p>प्रश्न 2. विराट मोबाइल फोन बनाने वाली कंपनी के लिए रंगीन व आकर्षक विज्ञापन ए4 साइज़ शीट पर बनाइए।</p> <p>प्रश्न 3. निम्नलिखित आगे बढ़ती भारतीय महिलाओं की पुस्तक पढ़कर उनसे संबंधित चित्रों का संग्रह कीजिए एवं संक्षिप्त जानकारी प्राप्त करके परियोजना तैयार कीजिए।</p> <p>(i) पी. टी. उषा (ii) किरण बेदी (iii) बर्चेद्री पाल</p>

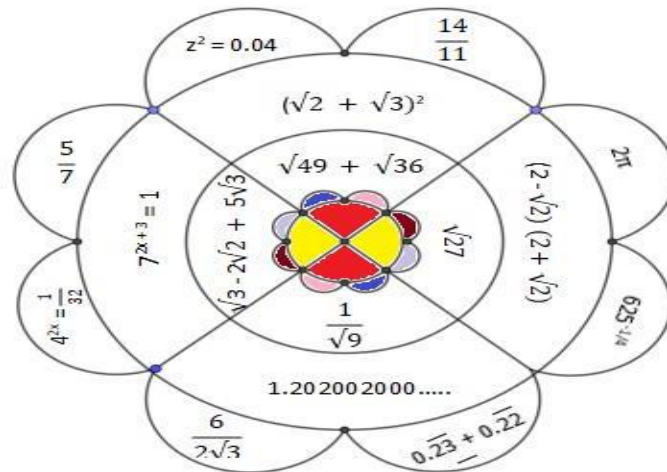
MATH

(A) PROJECT (To be done on A4 size sheet)

TASK 1

Make the mathematical mandala art as shown in the adjoining figure on A4 sheet. Solve the questions given in it and colour it according to the type of decimal expansion.

Note: If answer is terminating then colour the area red, if it is non-terminating repeating then colour green and if it is non-terminating non-repeating then colour blue



ART INTEGRATED ACTIVITY : Draw two pie charts showing the annual agricultural production of J& K and Gujrat of the following crops :

Gujrat	Jammu & Kashmir
Maze	Maze
Pulses	Pulses
Wheat	Wheat
Barley	Barley
Milet	Milet

(B) ASSIGNMENT (To be done in Mathematics Register)

1. Find three rational numbers between the given rational numbers.

(i) $\frac{1}{3}$ and $\frac{5}{4}$ (ii) $\frac{3}{7}$ and $\frac{2}{7}$

2. Find three rational numbers between the given numbers.

(i) (-11) and (-12) (ii) $\frac{11}{4}$ and $\frac{13}{5}$

3. Simplify the following:

(i) $(5 + \sqrt{7})(2 + \sqrt{5})$

(iii) $(2\sqrt{3} + 6\sqrt{5})(5\sqrt{2} - 3\sqrt{3})$

(ii) $(\sqrt{11} + \sqrt{7})(\sqrt{11} - \sqrt{7})$

(iv) $(8\sqrt{2} + 3\sqrt{5})(3\sqrt{2} - 6\sqrt{3})$

4. Rationalize the denominator of the following:

(i) $\frac{25}{\sqrt{2} + \sqrt{5}}$ (ii) $\frac{3}{\sqrt{7} - \sqrt{2}}$ (iii) (iv) $\frac{8}{3\sqrt{2} + 7\sqrt{3}}$

5. If $x = 2 + \sqrt{3}$, find the value of $x^3 + \frac{1}{x^3}$.

	<p>6. If $a + b = 3$ and $a^2 + b^2 = 40$, find the value of $a^3 + b^3$.</p> <p>7. If $2a + 3b = 15$ and $ab = 10$, find the value of $8a^3 + 27b^3$.</p> <p>8. Plot the following points and write the name of the figure thus obtained. $P(-3,2)$, $Q(-7,-3)$, $R(6,-3)$, $S(2,2)$.</p> <p>9. Plot the points $P(1,0)$, $Q(4,0)$ and $S(1,3)$. Find the coordinates of point R such that $PQRS$ is a square.</p> <p>10. Show that $(x + 2)$ is a factor of $(x^5 + 32)$.</p>
SCIENCE	<p>1. Write a report of (300-350 words) on natural resources of Gujarat and on land resources of J&K</p> <p>2. Draw a mind map on Matter in Our Surroundings.</p> <p>3. Make a model on the following:</p> <p>a) Types of motion (R.no 1-14)</p> <p>b) Renewable energy source model (R.no 15-27)</p> <p>4. Draw a well labelled diagram of an Plant cell and Animal cell.</p>
S.ST	<p>Q1:-Prepare a project on "Disaster Management "</p> <p>*Introduction (what is Disaster?) *Types of Disaster *Disaster risk reduction *Disaster management cycle *Possible risk reduction measures for Earthquake *Possible risk reduction measures for Floods *Possible risk reduction measures for Drought.</p> <p>Roll.no 1 to 14 Q:- Prepare a project on Different Crops produced in Gujarat.</p> <p>Roll.no. 15 to 27 Q:- Prepare a project on different Soil Types.</p>
COMPUTER	<p>Create a project on topic" Indian State i.e Gujarat. With the help of coding in HTML, Make a HTML page of Gujarat and take printout of it.</p> <p>Note: The link is shared for your reference: https://youtu.be/5PkAg6ckRfk?si=jGIBRbTaY3vWf29h</p>

ELIP	<p>Find two new words daily from the English newspaper and write their meaning, Synonyms and Antonyms.</p> <p>Write Journal Entries on the following topic:</p> <ol style="list-style-type: none">1) What is the greatest lesson you've ever learned?2) If you could invent one thing to make your life easier, what would it be?3)
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Teacher Incharge: Roopali Rajput