

VASISHTHA GENESIS SCHOOL, BARDOLI
SUMMER ASSIGNMENT
ACADEMIC SESSION - 2026-27
CLASS 09

SUBJECT	TASK ASSIGNED
ENGLISH	<p>INTEGRATED PROJECT ON THE FOLOWING STATES</p> <p>Students have to choose any ONE state from the given list and prepare an interesting and creative page based on the following points :- Madhya Pradesh , Karnataka , Delhi & Assam</p> <ol style="list-style-type: none"> 1. Language 2. arts and social practices 3. Cultural heritage 4. Government initiatives on educational programme 5. Agriculture 6. science <p>NOTE :- Use A3 size paper for the presentation. Presentation should contain pictures , captions and pointers for self-explanation.</p>
MATHEMATICS	<p>Students have to choose any ONE topic on from the given list and prepare according to the specific instruction given:-</p> <p>1. Number System Classification Chart Assignment: Create a tree diagram/chart showcasing the relationships between Natural Numbers(N), Whole Numbers(W), Integers(Z), Rational Numbers(Q), and Irrational Numbers(Q^c), demonstrating that all these belong to Real Numbers(R).</p> <p>2. Reflection and Symmetry Assignment: Draw a coordinate plane on graph paper and plot at least 6 points in different quadrants. Fold the paper along the x-axis and find the coordinates of the reflected images (the sign of the y-coordinate changes). Then fold the paper along the y-axis and find the new coordinates (the sign of the x-coordinate changes). Write original and reflected coordinates clearly in two small tables. Make neat work and label all points properly.</p>
SOCIAL SCIENCE	<p>Project Title: <i>From Survival to Society</i></p> <p>Early humans started as simple hunter-gatherers focused only on survival. Over time, through discoveries and innovations, they gradually developed farming, settlements, and finally civilisations. This project must explains the step-by-step journey from the Stone Age to the beginning of civilisation.</p> <ol style="list-style-type: none"> 1. Early Humans (Stone Age) 2. Major Discoveries 3. The Big Change: Farming (Neolithic Age) 4. Beginning of Civilisation <p>Examples:</p> <ul style="list-style-type: none"> • Indus Valley Civilization • Mesopotamian Civilization <p>Project Specifications:</p> <ul style="list-style-type: none"> • Length: 10-12 pages • Format: Use A4 size paper; one sided ruled paper only. • Presentation: Neatly punched and filed. • Content: The project should be handwritten by the student and can include illustrations, pictures, newspaper cuttings, hand paint and other forms of art to enhance creativity.

<p>SCIENCE</p>	<p>BIOLOGY Draw a cell city. Compare organelles with the city parts: NUCLEUS →CONTROL CENTRE MITOCHONDRIA→POWERHOUSE , CELL MEMBRANE-→ SECURITY GATE, RIBOSOMES- →FACTORIES, GOLGI APPARATUS→POST OFFICE, LYSOSOMES→WASTE MANAGEMENT. Create a physical or digital model; that compares the organelles of cell to the functional parts of a city</p> <p>PHYSICS Choose any one of the following:- 1. Comparison of distance and displacement 2. Measuring Average Speed The assignment should consist of definition, various examples. Students can use any one format to submit the assignment such as project file, power point presentation, model etc.</p> <p>CHEMISTRY Student will prepare anyone of project (05-07 pages) including aim, principle, materials required, procedure, observations, result, conclusion, and bibliography. Practical approach or case study must be included wherever applicable.</p> <p>PROJECT 1 Homemade Paper Chromatography Idea: Separate colors from sketch pens using filter paper and water/alcohol. What to analyze: <ul style="list-style-type: none"> • Number of pigments in each ink • Distance traveled by each color Concepts: Chromatography, solubility, separation of dyes</p> <p>PROJECT 2 –Growing Colored Sugar Crystals (Rock Candy Experiment) Idea: Add food coloring to your supersaturated sugar solution and grow colored crystals. What to analyze: <ul style="list-style-type: none"> • Compare crystal growth in different colors • Study effect of temperature on crystal size Concepts: Crystallization, solubility</p> <p>PROJECT 3- Converting Seawater into Drinking Water Idea: FROM SEAWATER TO DRINKING WATER: SEPARATION IN REAL LIFE <ul style="list-style-type: none"> • What to analyze: • Making Salt from Seawater Concept used: Distillation</p>
<p>HINDI</p>	<p>परियोजना कार्य (Project Work)</p> <p>“भारत की कोई एक प्रसिद्ध नदी “जैसे गंगा, यमुना प्रोजेक्ट बनाएँ </p> <ul style="list-style-type: none"> ○ स्रोत (Origin) ○ महत्व (Importance) ○ प्रदूषण की समस्या ○ संरक्षण के उपाय

નિર્દેશ:

- સાફસુથરી લિખાવટ મેં કાર્ય કરેં |
- નોટબુક મેં સમી કાર્ય પૂર્ણ કરેં|
- ચિત્ર ઓર રંગોં કા પ્રયોગ કરેં તાકિ કાર્ય આકર્ષક બને|

GUJARATI

પંડિત યુગના કવિઓ

- પંડિત યુગ શું છે? તેના મુખ્ય લક્ષણો લખો.
- પંડિત યુગના સાહિત્યની વિશેષતાઓ સમજાવો.
- પંડિત યુગના કવિઓ પર સંસ્કૃત ભાષાનો શું પ્રભાવ હતો?
- નર્મદનું જીવનચરિત્ર લખો.
- દલપતરામના જીવન વિશે વિગતે લખો.
- નરસિંહરાવ દિવેટિયાનું જીવન પરિચય આપો.

સામાન્ય નિર્દેશ

- summer assignment નોટબૂકમાં કરવું.
- લખાણ સાફ, સ્પષ્ટ અને વાંચવા સરળ હોવું જોઈએ.
- દરેક કવિ વિશે લખતા પહેલાં તેમનું નામ અને યુગ (સમય) જરૂર લખો.
- કવિનું નાનું ચિત્ર અથવા બોર્ડર બનાવી શકો.

IT

Topic: My Dream Career**Task:****Create a 5–8 page document using LibreOffice Writer.****✓ You must include:**

- **Title & Formatting:**
Add a title and format it (bold, large font, center aligned)
- **Paragraph:**
Write 2 page about your dream career
- **Table:**
Create a table showing for the dream career:
 - Skills required
 - Education needed
- **Image:**
Insert three relevant image and add a caption along with 6-8 lines description
- **Bullets/Numbering:**
List 3–4 qualities needed for that career
- **Mail Merge (Basic):**
Create a sample letter (e.g., application for the job) using mail merge concept minimum 5 persons details needed in the list.

Header/Footer:

Add your name, class, page number along with School name

Instructions:**Submission of all assignment will be between 8-6-2026 Monday to 13-6-2026 Saturday.****Internal marks will be given base on completion and timely submission of assignments.**