

VASISHTHA GENESIS SCHOOL, BABEN, BARDOLI

SUMMER ASSIGNMENT

CLASS : 10

SUBJECT	CONTENT						
ENGLISH	<p>Prepare a detail project on ANY ONE of the following topic:</p> <p>PROJECT 1 : PETS AND THEIR CARE</p> <ul style="list-style-type: none"> • Make a documentary on people who have pets. • It can be a video documentary or photography documentary. • Video documentary can be observational or interview based. <p>While making a documentary, consider the following:</p> <ol style="list-style-type: none"> 1. How do they take care of their pets? 2. Do they give them a balanced diet? 3. Do they engage their pets in some physical activity? 4. Do they take care of their hygiene? <p>PROJECT 2 : Places / place you visited during the summer break.</p> <ul style="list-style-type: none"> • Make a documentary on place / places that you visited during summer break. • It can be a video documentary or photography documentary. • Video documentary can also be based on the observation of place you visited. <p>While making a documentary, consider the following:</p> <ol style="list-style-type: none"> 1. Name of the place you visited and how you reached there? 2. What are the famous places or sites you visited? 3. Local food you cherish and the people you met. 4. Express at least one nostalgic memory about your visit. <p>Instructions:</p> <ol style="list-style-type: none"> 1. You may use your mobile phone camera to make videos / take photos. 2. Make a plan – think about how you’re going to present your story. 3. State the subject and purpose 4. Start shooting 5. Edit 6. Submit the above project by 12th June 2024 on the given email addresses <p>priyankaenglish.vgs@gmail.com (Priyanka Rani – 10 B/C) and preetidhawan8191@gmail.com (Preeti Dhawan – 10C)</p> <p>The project will be assessed using the following parameters:</p> <ol style="list-style-type: none"> 1. Content 2. Accuracy 3. Adherence to the specified timeline 4. Clarity of thoughts and ideas 5. Creativity 						
MATHS	<p>Prepare a model for the given subjects as per indicated roll nos. using various items like cardboard, protractor, scale, straw, etc. Students are to later demonstrate their projects in the classroom.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="padding: 5px;"> <p>1. Angle subtended by an arc of a circle (Roll no, 1 to roll no, 15)</p> <p style="text-align: right;"><i>Use QR Code for reference</i></p> </td> <td style="text-align: center; padding: 5px;">  </td> </tr> <tr> <td style="padding: 5px;"> <p>2. Basic Proportionality theorem(BPT) working model (roll no, 16 to 30)</p> <p style="text-align: right;"><i>Use QR Code for reference</i></p> </td> <td style="text-align: center; padding: 5px;">  </td> </tr> <tr> <td style="padding: 5px;"> <p>3) Pythagoras theorem working model (roll no. 31 and above)</p> <p style="text-align: right;"><i>Use QR Code for reference</i></p> </td> <td style="text-align: center; padding: 5px;">  </td> </tr> </tbody> </table>	<p>1. Angle subtended by an arc of a circle (Roll no, 1 to roll no, 15)</p> <p style="text-align: right;"><i>Use QR Code for reference</i></p>		<p>2. Basic Proportionality theorem(BPT) working model (roll no, 16 to 30)</p> <p style="text-align: right;"><i>Use QR Code for reference</i></p>		<p>3) Pythagoras theorem working model (roll no. 31 and above)</p> <p style="text-align: right;"><i>Use QR Code for reference</i></p>	
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SOCIAL SCIENCE

Prepare a detailed project on any one of the following topics.

Project 1:- Consumer Awareness

- Different types of consumer rights that you have as a consumer.
- COPRA, 1986
- Role of courts in implementation of consumer rights.
- How you can spread consumer awareness.
- Case study

Project 2:- Social Issues

(Students may select any one topic related with social issues. Some suggested topics are given below)

- Gender issue
- Caste issue
- Linguistic diversity
- Regionalisation
- Economic disparities
- Religious diversity

Project 3:- Sustainable Development

- Meaning of sustainable development
- Issue of sustainable development
- Importance of sustainable development
- Meetings/reports/summit related to sustainable development
- Current status of development

Project should be developed and presented in this order:

I. Cover page showing project title, schools name, students name, class and section and academic session (year)

II. List of contents with page number(Index) (approx...15 pages)

III. Acknowledgements: Acknowledging institution, offices and libraries visited and people who have helped.

(a) Project Overview: Purpose, aim, methodology and experience while doing the project

(b) Chapters with relevant headings.

(c) Summary and conclusions based on findings.

(d) Bibliography should have the title, pages referred, author, publisher, year of publication and if a website, the name of the website/link.

(e) Teachers evaluation report

Project guidelines:

1. The Project Report may be Digital or handwritten and should be made by the students themselves. The project must be done neatly in a proper file with ruled sheets with suitable information, pictures,graphs (if any), etc.
2. The project should not exceed more than 12-15 pages.
3. If possible, different forms of art may be integrated in the project work.

SCIENCE

CHEMISTRY-

Perform any one activity given below

i) Collect Red cabbage juice/ Turmeric powder/beet root juice/petunia flower and using it as indicator identify basic, acidic and neutral food sample around you

Register your observation in given tabular form-

Name of Natural Indicator	Observation in ACID Sample	Observation in Basic Sample	Observation in Neutral Sample

Also attach relevant photograph of your observation, click with cell phone. Submit your report online in pdf format only at given email address - prabhatvgs01@gmail.com

PTO→

ii) To prepare A tetravalent model of carbon atoms using reference link shared here represent any one of following organic compounds (Methane , Ethane , Ethene , Ethyne) also mention type of bonding and uses of these compound in your daily life.



Submit your report online in pdf format only at given email address - **prabhatvgs01@gmail.com**

BIOLOGY-

As You all know that humans produce their young ones which are very similar to the parents. But sometimes diseases / defects may occur before birth or due to the hormonal imbalance after birth and during adolescence which cause physical or mental disability (congenital disorder) in the child. Research to identify one such abnormality in humans, find its causes, and also gather information regarding prevention as well as the treatment (if any).

Based on your research prepare a Power Point Presentation and submit it by **12th June 2024**.

You should also prepare yourself to showcase your presentation in the class.

NOTE:-

Your PPT slides should contain the following points:-

1. Minimum 12 slides.
2. Slide 1 – cover page
3. Slide 2- Index
4. Slide 3 – introduction
5. Slide 4-10 – Content , Relevant Data & Pictures
6. Slide 11 – Summarization
7. Slide 12- Reference

PHYSICS-

Draw ray diagrams for the formation of images for the different position of the object and also mention the nature of image

CONCAVE MIRROR	CONVEX MIRROR	CONCAVE LENS	CONVEX LENS
Object at infinity	Object at infinity	Object at infinity	Object at infinity
Object at beyond Center of curvature	At a finite distance in front of the mirror	At a finite distance in front of the lens	Object is beyond double the focal length (2F)
Object at the Center of curvature	-	-	Object at distance double the focal length (2F)
Object is between Center of curvature and Focus	-	-	Object is in between 2F and F
Object is between Focus and Pole of the mirror	-	-	Object between the Focus (F) and center of the lens (O)

Project should be developed and presented in this order:

- I. Cover page showing project title, school name, student's name, class and section and academic session.
- II. List of contents with page number(Index)
- III. Ray diagrams
- III. Tabular presentation of your findings.

Assignments guidelines:

1. The report should be handwritten by the students themselves.
2. The assignment must be done neatly in a proper file with ruled sheets.

2L HINDI	साक्षरता अभियान एवं पर्यावरण के प्रति जागरूकता बढ़ाने के लिए A4 साइज के पेपर पर आकर्षक विज्ञापन बनाइए।
2L GUJARATI	<p>કોઈ પણ એક વિષય પર નિબંધ લખો. (A4 સાઈઝ નાં પેપર પર)</p> <p>૧.મને શું થવું ગમે ?</p> <p>પ્રસ્તાવના – મહત્વાકક્ષા- શિક્ષક તરીકેની પ્રવૃત્તિઓ –ઉપસંહાર</p> <p>૨.પરમાત્માનું સ્વરૂપ</p> <p>પ્રસ્તાવના –પરમાત્માની અનુભૂતિ- પ્રાણીઓ અને વનસ્પતિમાં પરમાત્માના દર્શન – ઉપસંહાર</p>
INFO. TECH.	<p>ACTIVITY – 1</p> <p>PRACTICAL FILE: Students are to prepare a Practical File consisting of a minimum of 5 activities performed in LibreOffice during their lab activities in the school computer lab. Students may use samples given in the Google Classroom (Classroom Code: nhe4tl3) for more support.</p> <p>ACTIVITY – 2</p> <p>PROJECT WORK: Any Interdisciplinary Real World Case Study to be taken. e.g. Students can visit shops/business places, communities or other organizations in their localities and enquire about the functioning of the organization, and how data are generated, stored, and managed. Summarized data reports of same can be presented in LibreOffice base software. Input should be taken using FORMS and output should be done through REPORTS using LibreOffice base software. Documentation of the case study should be presented using LibreOffice writer only. Students may use Google Classroom (Classroom Code: nhe4tl3) for more support.</p>

Please Note:

- 1) Submission of all Assignments/Projects will be from 13-06-2024 to 15-06-2024.
- 2) Internal Marks will be given based up on the completion and timely submission of all Assignments/Projects.