

**SAINIK SCHOOL KALIKIRI**

**SUMMER HOLIDAYS HOME WORK FOR CLASS X**

**2019-20**

**SUBJECT: ENGLISH**

1. Read the chapter '**The Letter to the God**' and summarize it in the form of PowerPoint Presentation (slides). The slides must be in the following order:
  - General information about the book
  - Author's description
  - Character's description
  - Summary of the story
  - Moral/ what you get from the story

**Note-** You can include different pictures related to the text in the slides. Presentation in form of paragraph will not be accepted. It must be in points. The slides must not be more than 10- 15.

2. Describe the following **proverbs** in your own words in not more than 50 words-
  - No gains without pains
  - All's well that ends well

3. **Speech writing**

WHO (World Health Organization) reported that the root cause of most of the health problems is the unhygienic conditions prevailing in the environment.

Prepare a speech for the morning assembly, highlighting the importance of cleanliness. Give a catchy title to your speech.

- Include a dramatic pre-speech note to draw attention.
  - Begin your writing with greeting the chief guest, fellow speakers and other listeners.
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➤ Announce the topic.

**Para 1:** Write your motive and ask two or three self-answering questions. To make our speech effective, make use of some statistics. Some references to the newspapers/magazines from where you collect some data related to your topic.

**Para 2:** Write about some positive/negative aspects, effects and consequences/results, arguments related to the topic. This paragraph constitutes the backbone of speech, so it requires to be written effectively.

**Para 3:** Focus on the solutions you would like to offer related to the topic. It will include views on tackling a problem.

**Para 4:** Winding of the speech-it must be a warning or a call for an action or an appeal. Conclude with hope on an optimistic note.

Write "Thank you" after completing your speech.

#### **4.Explain the following famous personality with the help of the given hints.**

##### **Bill Gates-**

Full Name-William Henry Gates III, Born- October 28, 1955 (age 57), Seattle, Washington, U.S. Residence- Medina, Washington, U.S., Nationality-American, Occupation- Co-founder and Chairman of Microsoft ,Co-Chair of the Bill & Melinda Gates Foundation, CEO of Cascade Investment, Chairman of Corbis, Years active- 1975–present, Net worth- US\$ 66 billion (2012) Religion- Agnostic ,Spouse-Melinda Gates (1994-present), Children- Jennifer Katherine Gates, Rory John Gates, Phoebe Adele Gates, Parents- William H. Gates, Sr. Mary Maxwell Gates.

#### **5. PLACING ORDER**

You are Sudha Krishna, librarian of Army Public School Kamptee . You have been asked to place an order for some books for the school library. Write to the sales Manager, Light House, Main Road, Noida. Place an order for the books you need.

SAINIK SCHOOL KALIKIRI  
SUMMER HOLIDAYS HOME WORK FOR CLASS X  
**ग्रीष्म कालीन छुट्टियों का गृहकार्य**

**Class - X**

क्रमसं ख्या	विषय
1	रचना के आधार पर वाक्य भेद के दस - दस उदाहरण लिखिए ।
2	पाठशाला में पुस्तक प्रदर्शनी के लिए विज्ञापन लिखिए।
3	पाठशाला में पुस्तक प्रदर्शनी के लिए विज्ञापन लिखिए।
4	'ऊर्जा बढ़ती मांग-समस्या और समाधान' विषय पर निबंध 200-250 शब्दों में लिखिए।
5	'स्वच्छ भारत एक कदम स्वच्छता की ओर' विषय पर निबंध 200-250 शब्दों में लिखिए।
6	आज दिन-प्रतिदिन सूचना और संचार लोगों के बीच लोकप्रिय होते जा रहे हैं । ऐसे में पत्र लेखन पीछे छूटता जा रहा है। पत्र लेखन का महत्व बताते हुए अपने मित्र को पत्र लिखो।
7	"विज्ञापन की दुनिया"विषय पर निबंध 200-250 शब्दों में लिखिए।

**SAINIK SCHOOL KALIKIRI**  
**SUMMER HOLIDAYS HOME WORK FOR CLASS X**  
**గౌహికము**

(HOLIDAY HOME WORK 2019-20)

Class: X

Sub:Telugu

1. క్రింది పద్యములకు ప్రతిపదార్థ భావములు వ్రాయండి.

మాతృభావన పాఠ్యాంశములోని

- శివరాజంతట .....

..... తప్పు సైరింపుమీ!

- అనలజ్యోతుల .....

.....దుశ్చారిత్రముల్ సాగునే?

- మా సర్దారుడు.....

..... కనులయందున్ దాల్చి తప్పు సైరింపుమీ!

2. “మాతృభావన”పాఠ్యాంశము ఆధారముగా శివాజీ వ్యక్తిత్వాన్ని విశ్లేషించండి.

3. క్రింది అంశములపై వ్యాసములు వ్రాయండి.

a. అవినీతి నిర్మూలన b. స్వచ్ఛభారత్ c. విద్యార్థులు సంఘసేవ

4. క్రింది వాక్యములకు సందర్భసహిత వ్యాఖ్యలువ్రాయండి.

- మాతా! తప్పు సైరింపుమీ

- ధగ ధగ ధ్ధహనమధ్యమ పూలరాసిగా విహరించెయున్న సాధ్యమతల్లి



**SAINIK SCHOOL KALIKIRI**  
**SUMMER VACATION**  
**HOLIDAY HOMEWORK**

Class: X

Subject: Mathematics

**PROJECT 1**

**EUCLID DIVISION ALGORITHM**

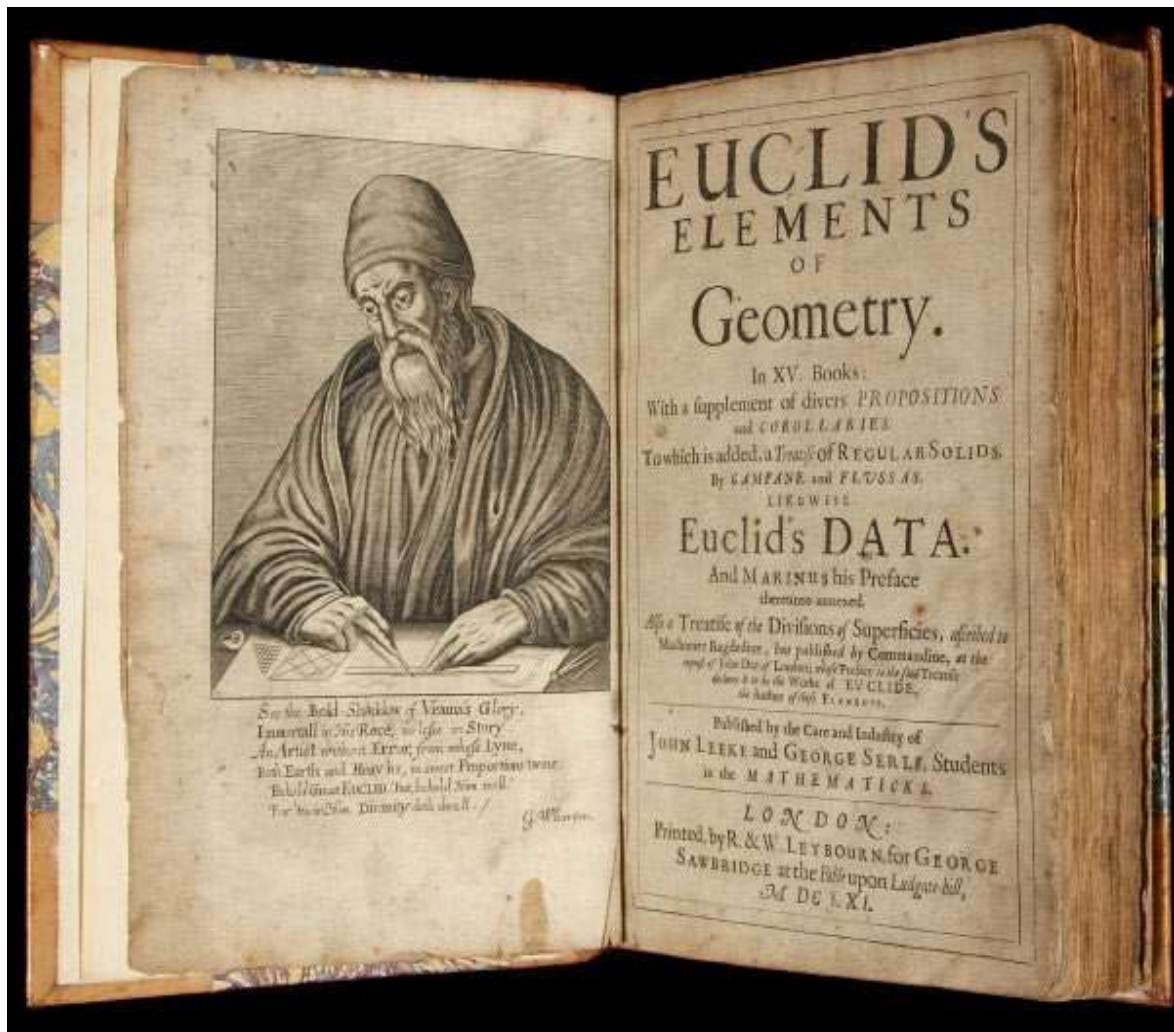
**Objective:** Study various aspects of Euclid Division Lemma and Algorithm.

**Description:**

Study some or all of the following aspects of the theorem:

- (a) Biography of Euclid.
- (b) Statement of the theorem.
- (c) Everyday illustrations/ applications of the algorithm.

Methodology is primarily literature survey/ library work, authenticate resource material from internet like NCERT, Homi Baba, NBHM etc.



## PROJECT 2

Make a pocket math dictionary covering the definitions, facts and formulae of all the concepts that you have learnt in class IX. The following units should be covered:

- (a) Number System
- (b) Algebras
- (c) Geometry
- (d) Mensuration
- (e) Statistics
- (f) Probability

## PROJECT 3

### **OBSERVING INTERESTING PATTERNS IN CRICKET MATCH**

#### Objective

Comparison of the performance of two teams in IPL match.

#### Project Details

Data of scores can be collected to study various aspects such as

1. Performance of both the teams according to run rates per over, wicket rates per over.
2. Investigate if run rates are uniform for both the teams.
3. Investigate the run rates for various bowling techniques used by bowlers. (Fast, slow, spin bowlers)

#### Methods

1. All the details and the data can be collected while watching the game, listening the commentary and while reading the reports in the newspaper about the match.
2. Collected data can be tabulated in the form of grouped data, represented by the histogram, bar graphs, frequency polygon, pie chart etc.

#### Result

Inferences can be drawn from the above presentation of data about the batting pattern, bowling pattern, etc.

#### Acknowledgements

T.V. channel / Radio channel, commentators, guide.

#### Reference

Students should describe all the sources he/she used to collect and compile the data.





## PROJECT 5

### **Project in History of Mathematics**

The students can choose several topics from history of mathematics, for doing a project. For instance the topic can be about an Indian mathematician or the concept of zero in various ancient civilizations.

- ✓ Pythagoras theorem
- ✓ History of the number  $\pi$
- ✓ Indian Mathematicians – Contributions



## PROJECT 6

Make a presentation/chart on applications of maths in real life. A minimum of two examples should be given in the presentation.

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### **SAINIK SCHOOL KALIKIRI SUMMER HOLIDAYS HOME WORK FOR CLASS X CLASS X:Chemistry**

Q1: Read the chapter "Chemical Reaction and Equation."

Q2: Write four examples of each types of **Chemical Equation**.

Q3: Complete the given table for first 30 elements in Periodic Table:

SN NO.	ELEMENT NAME	SYMBOL	ATOMIC NO.	NEUTRON NO.	ELECTRON NO.	VALENCY
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