

CLASS VIII

ENGLISH

- READ A BOOK / NOVEL OF YOUR CHOICE DURING THE SUMMER BREAK AND WRITE ITS REVIEW IN 150-200 WORDS
Note** The Book / Novel read during the summer vacation will be assessed during Speaking Activity and marks will be awarded in Internal Assessment
- DIARY ENTRY

You have recently watched a fantabulous English movie, The Lion King. Record your experience in the Diary.

- PROJECT

Yours is a Happy Family. Create an album with some unique pictures ,reflecting the fantastic moments spent with your family during summer vacation.

- Describe any member of your family in your own special way.

- Help your mother in household Chores; assisting her in cooking vegetables and preparing salads.

[Do Holidays Homework in your English classwork notebook]

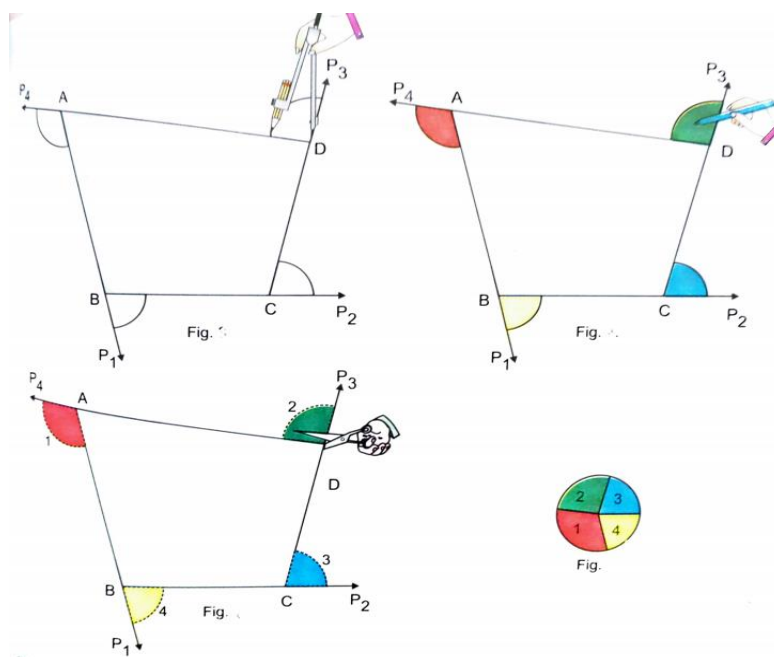
MATHEMATICS

Task 1: Activity: (Activity to be done in maths practical file)

Topic: Angle sum property of Polygons.

Objective: To verify that the sum of measures of the exterior angles of any polygon is 360° .

Materials Required: Pencil, ruler, a pair of scissors, sketch pens, gluestick, compass



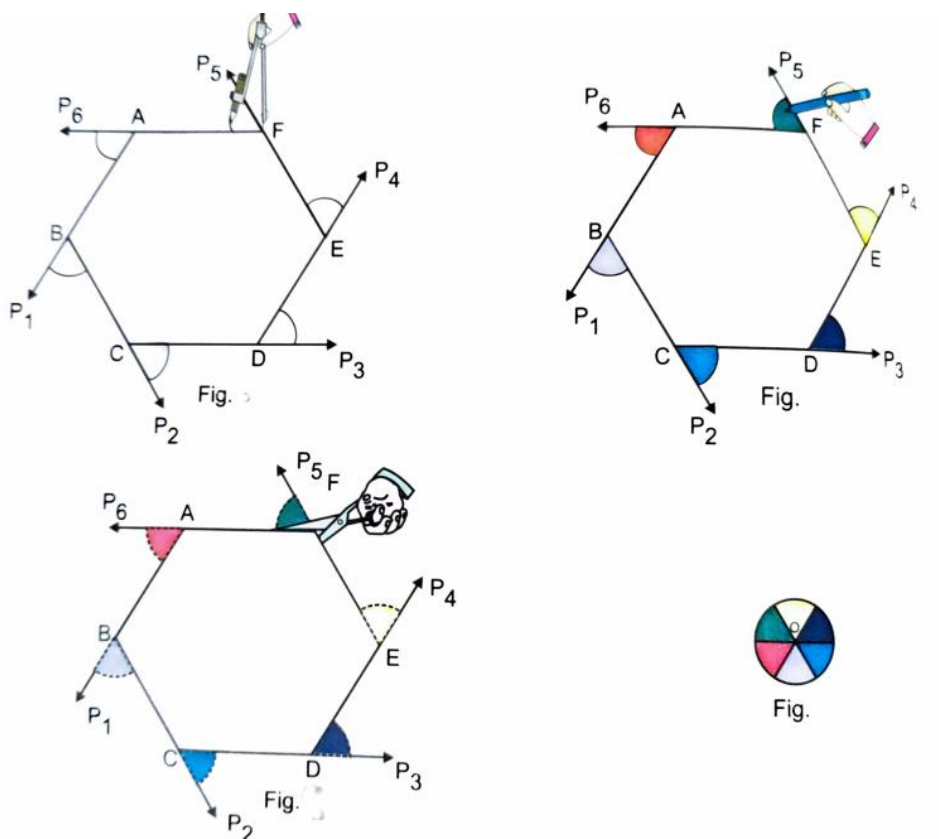
Procedure

(a) Quadrilateral

1. Mark any four points A,B,C and D on a sheet. Join AB, BC, CD and DA to get a quadrilateral ABCD.
2. Extend the sides AB,BC,CD and DA to Points P_1, P_2, P_3 and P_4
3. With compass, draw exterior circular arcs of same radius at the four vertices of quadrilateral ABCD.
4. Colour these four exterior angles with sketch pens of different colours say red, blue, green and yellow.
5. Cut out the sectors of circles from all vertices of the quadrilateral.
6. Take a point 'O' on a sheet and paste these four cutouts on the sheet paper in such a way that the vertex of each angle falls on point O. Make sure no two of them overlap and no gap should be left.

Observation: We observe that all these four cutouts are forming a circle i.e, making a complete angle (360°)

Result: By a suitable activity, we have learnt to verify that the sum of exterior angle of a quadrilateral is 360°



(b) Hexagon

- 1, Mark any six points A,B,C,D,E and F on a white sheet. Join AB, BC, CD, DE,EF and FA to get a hexagon.
2. Extend the sides AB, BC, CD, DE,EF and FA to Points P_1, P_2, P_3, P_4, P_5 and P_6 .
3. With compass, draw exterior circular arcs of same radius at the six vertices of quadrilateral ABCDEF.
4. Colour these six exterior angles with sketch pens of different colours say red, blue, green and yellow, brown and purple.
5. Cut out the sectors of circles from all vertices of the hexagon
6. Take a point 'O' on a sheet and paste these six cutouts on the sheet paper in such a way that the vertex of each angle falls on point O. Make sure no two of them overlap and no gap should be left.

Observation: We observe that all these six cutouts are forming a circle i.e, making a complete angle (360°)

Result: By a suitable activity, we have learnt to verify that the sum of exterior angle of a hexagon is 360°

Task 2: Working Models/ Projects

Roll Number 1 -12 (Working model on properties of Rational Numbers)

Reference : <https://youtu.be/SqTSCVA0Rrs?si=dm37NfVilNHAp4R>

Roll Number 13-24 (Project on Probability using Playing Cards)

Reference : <https://youtube.com/shorts/rl7DbbvDK30?si=kC1hzztBJCnRptJL>

Roll Number 25-36 (Working model on Square Numbers)

Reference: <https://youtu.be/ZN3McNz1-z0?si=hYYkC2HPZvuLXPF7>

Roll Number 37 onwards (Working model on Moving Quadrilateral)

Reference: <https://youtu.be/AEGFtAab7FA?si=3JODLcHu4WMrYnpy>

https://youtu.be/_tkhS8rOl4w?si=tTC1ESbud-N92fjE

<https://youtube.com/shorts/nnpflY7PeTk?si=uUCvZMr7uZL4dKgw>

Task 3: Revise the syllabus done so far.

SCIENCE

“Science is magic that works.” – Kurt Vonnegut

PROJECT MAKING

Choose any one of the following exciting topics and bring your imagination to life through a creative working or non-working model:

1. ⚡ LIGHTNING CONDUCTOR – Protecting buildings with electricity science. **ROLL NO :1 to 15**
2. 🧪 ELECTROSCOPE – Detect electric charges using simple tools. **ROLL NO :16 to 30**
3. 🌧️ RAINWATER HARVESTING – Save water, save the future! **ROLL NO :31 to 43**

***Note:** Projects should be colourful, creative, and well-explained. Submit them positively by **25th July 2025**.

Revise all the topics covered so far!

ASSIGNMENT

Topic: COAL AND PETROLEUM

Section A: Multiple Choice Questions (MCQs)

Choose the correct option.

1. Petroleum is called “black gold” because:
 - a) It is black and rare
 - b) It is shiny and attractive
 - c) It is expensive and highly useful
 - d) It is found in gold mines
2. Which of the following is obtained during the refining of petroleum?
 - a) Charcoal
 - b) LPG
 - c) Coke
 - d) CNG
3. Which practice will help in conserving fossil fuels?
 - a) Burning firewood for cooking
 - b) Using solar heaters
 - c) Using petrol generators
 - d) Driving private vehicles daily
4. The main reason C.N.G is considered a cleaner fuel because
 - a) It is expensive
 - b) It burns with smoke
 - c) It releases fewer pollutants
 - d) It is easily stored

5. Which energy source is renewable and eco-friendly?

- a) Diesel
- b) Natural gas
- c) Solar energy
- d) Kerosene

Section B: Assertion-Reasoning Questions

Read the following statements and choose the correct option:

Options:

- a) Both A and R are true, and R is the correct explanation of A.
- b) Both A and R are true, but R is not the correct explanation of A.
- c) A is true, but R is false.
- d) A is false, but R is true.

6. Assertion (A): CNG is used as a cleaner alternative to petrol and diesel.

Reason (R): CNG causes more air pollution than diesel.

7. Assertion (A): Bitumen is used for surfacing roads instead of petroleum.

Reason (R): Bitumen is a sticky residue that binds road materials well.

8. Assertion (A): Burning fossil fuels contributes to global warming.

Reason (R): Burning fossil fuels releases carbon dioxide into the atmosphere.

Section C: Reasoning-Based Questions

Answer in 2–3 lines.

9. Coal and petroleum are classified as non-renewable resources. Explain why.

10. Why is the refining of petroleum essential before it can be used?

11. How can the increased use of fossil fuels disturb the Earth's climate balance?

12. Explain how solar and wind energy help in reducing environmental damage.

NOTE:- Assignment to be done in science note-book.



SOCIAL SCIENCE

M.G.N PUBLIC SCHOOL, ADARSH NAGAR, JALANDHAR

CLASS: VIII

Holiday Home Work

History

Holidays Homework: covering the chapter 4 (History): Tribals, Dikus and the Vision of a Golden Age.

Make a **scrapbook or project file** on the topics given below. **Add pictures, drawings and short notes.** Use your creativity to make it informative, neat and attractive.

Historical Aspect: Time Period-Colonial Era

(Roll No. 1-22)

- 1. Who were Tribals:** Different types of tribal communities.
- 2. Tribal Life and Occupations:** A brief account.
- 3. Impact of Dikus:** Write a short script, showing the interaction between Tribals and Dikus
- 4. Birsa Munda and His Vision:** Biography-A brief account.

Geographical Aspect: Time Period-Colonial Era

(Roll No. 23 Onwards)

- 1. Tribal Regions in India:** Show on physical map of India (***Santhals, Gonds, Bhills, Mundas etc.***).
- 2. Natural Resources used by the tribal people:** Write a brief account on the following:
 - Important resources/products and their use.
 - Tools or farming methods.
- 3. Change in Land use Pattern (In Tribal Areas):** A brief account on: Forest laws, Mining and Deforestation.

Date of Submission: 16 July 2025

PUNJABI

1. ਕਿਸੇ ਦੋ ਬਿਰਧ ਆਸ਼ਰਮਾਂ ਦੀ ਜਾਣਕਾਰੀ ਨਾਮ ਸਾਹਿਤ ਦਿੰਦੇ ਹੋਏ ਆਪਣੀ ਕਾਪੀ ਤੇ ਤਸਵੀਰਾਂ ਚਿਪਕਾਓ ਅਤੇ ਬਿਰਧ ਆਸ਼ਰਮ ਦੇ ਖੋਲੇ ਜਾਣ ਦੇ ਹੱਕ ਅਤੇ ਵਿਰੋਧ ਵਿੱਚ ਵਿਚਾਰ ਲਿਖੋ।

2. ਪੰਜਾਬੀ ਨਿੱਕੀ ਕਹਾਣੀ 'ਤੇ ਅਧਾਰਿਤ ਕੋਈ ਦੋ

ਸਿੱਖਿਆਦਾਇਕ ਨਿੱਕੀਆਂ ਕਹਾਣੀਆਂ (ਵਿਸ਼ੇ: ਸੱਚਾਈ ਦੀ ਜਿੱਤ, ਦਲੇਰ ਵਿਦਿਆਰਥੀ, ਸੇਵਾ ਦਾ ਮਹੱਤਵ ਆਦਿ) ਆਪਣੀ ਕਾਪੀ ਤੇ ਲਿਖੋ।

ਜਾਂ

ਆਪਣੀ ਕੋਈ ਮੌਲਿਕ ਕਵਿਤਾ ਆਪਣੀ ਕਾਪੀ ਤੇ ਲਿਖੋ।

3. ਕੋਈ ਚਾਰ ਦੇਸ਼ ਭਗਤਾਂ ਦੀਆਂ ਤਸਵੀਰਾਂ ਆਪਣੀ ਕਾਪੀ 'ਤੇ ਚਿਪਕਾ ਕੇ ਉਹਨਾਂ ਦੀਆਂ ਸ਼ਹਾਦਤਾਂ ਸਬੰਧੀ ਵਿਸਥਾਰ ਵਿੱਚ ਲਿਖੋ।

HINDI

HOLIDAYS HOME WORK JUNE, 2025 CLASS 8TH HINDI

- ਆਪਕੇ ਵਿद्यालय में कौन-कौन से खेल खेलने की सुविधाएँ प्राप्त हैं? उनके नाम लिखें।
इन खेलों में से किसी एक खेल से संबंधित किसी एक प्रसिद्ध खिलाड़ी का चित्र
चिपकाएँ तथा उसके जीवन व खेल उपलब्धियों के बारे में जानकारी एकत्र करके अपनी
उत्तर पुस्तिका पर लिखें।
- अरहुल हिन्दी पाठमाला - भाग 8 के पाठ- साइकिल की सवारी के pg no. 32 पर दिए
गए अधिष्ठित गद्यांश को अपनी पुस्तक पर हल करें।
- सूझावरे 51-75 याद करें।
- समास - (तत्पुरुष, द्वंद्व, द्विगु) की दोहराई करें।
- पर्यायवाची शब्द (1 - 15) की दोहराई करें।