



तमसो मा ज्योतिर्गमय

THE GYAN BHAIRAV GLOBAL SCHOOL

HARPUR, GUTHANI, SIWAN, BIHAR 841435

(Run by Gyan Bhairav Foundation registered under society act 1860, Govt. of Bihar)

Affiliated to Central Board of Secondary Education(C.B.S.E), New Delhi

www.gbgs.ac.in, gbglobalschool@gmail.com

School No –65832

CBSE Affiliation No-330835

SUMMER VACATION HOME-WORK

2023-24

CLASS- IX

| | | | |
|----------------|--|--------------------|--|
| Student's Name | | Adm.No. | |
| Father's Name | | Roll. No. | |
| Mother's Name | | Date of Submission | |

Dear Children,

Summer Vacation is synonymous with fun and frolic, going for picnics, playing for long hours, exploring new places and much more.....But, dear children, there is a lot more you can do to make your vacation more interesting and meaningful. We have planned some interesting activities for you. So get ready to enjoy your summer vacation! Here is an "ACTIVITY TREASURE BOX" for you.

All the best and have FUN! When the school reopens bring back your TREASURE, to go through it will be our PLEASURE!

प्रिय बच्चों,

शुभकामनाएं !!

गर्मी की छुट्टी मौज-मस्ती का पर्याय है, पिकनिक के लिए जाना, लंबे समय तक खेलना, नई जगहों की खोज करना और बहुत कुछ ... लेकिन, प्यारे बच्चों, अपनी छुट्टियों को और अधिक रोचक और सार्थक बनाने के लिए आप और भी बहुत कुछ कर सकते हैं। हमने आपके लिए कुछ रोचक गतिविधियों की योजना बनाई है। तो तैयार हो जाइए अपनी गर्मी की छुट्टियों का लुत्फ उठाने के लिए! यहां आपके लिए एक "गतिविधि खजाना बॉक्स" है।

जिसे समय बद्ध होकर पूरा करें। विद्यालय के पुनः खुलने पर खजाना वापस लाएं, आपके द्वारा इसे पूरा करने पर हमें बेहद खुशी होगी।

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Subject- ENGLISH

Class- 9th

1. Write and learn all the question answers of the chapter which have been discussed yet.
2. Prepare a project file on your favorite poet. Write his bio–sketch, major works and achievement and also write the central idea of one of his poem.
3. Write and learn any one poem from your textbook.
4. Article writing:
 - a) Importance of being honest
 - b) Online class VS face to face class
5. Watch or read English news almost daily for half an hour and write at least 5 best news them in details.
6. Write the character sketches of the following:
 - a) Bismillah Khan
 - b) Evelyn Glennie
7. Write a paragraph of about 200 words about your favorite sports star pasting his picture (taken from newspaper)
8. Revise all the question answers and through reading of the lesson with spelling.
9. Prepare a model on save Earth, save Life.
10. Draw a Tense chart with rule and examples.

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Subject- I.T.

Class- 9th

Make any one power point presentation on the given topic (10 – 25 slides).

1. Create a presentation on the given topic “Communication Barriers”.
2. Create a presentation on the given topic “Handling Stage Fright “.
3. Create a presentation on the given topic “Self -Management Skills”.
4. Create a presentation on the given topic “Goal setting & Positive Thinking “.

.....INSTRUCTION FOR STUDENT.....

- Project will be submit on only soft copy format.
- Include only one idea per slide.
- Spend only 1 minute per slide.
- Make use of your heading.
- Include only essential points.
- Give credit, where credit is due.
- Use graphics effectively.
- Design to avoid cognitive overload.
- Design the slide so that a distracted person gets the main take way.
- Use readable colours and Fonts.
- Start with a mind map & open strong.
- Project will be submit with practical copy with soft copy format.
- Don't try to copy others.

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Subject- MATHS

Class- 9th

Revise-

Chapter 1- Number System

Chapter 4- Linear equation in two variables

Chapter 5- Euclid's Geometry

Chapter 3- Coordinate Geometry

Chapter 6- Lines and Angles

Chapter 2- Polynomials

Solve all questions of chapter 1, 2, 3 & 6

Remember all formula and theory of chapter 1, 2, 3 & 6

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Subject- S.St.

Class- 9th

1- Prepare 20 objective (1 mark) questions each from these six chapters:

French Revolution,

India Size and Location,

What is Democracy, Why Democracy?

Story of Village Palampur

Physical features of India

Constitutional Design

2- Draw and Label map of France from the chapter French Revolution (Page 9 of NCERT History Book.)

3- Prepare map work from these chapters1: India Size and Location:

1) The island groups of India lying in the Arabian Sea and the Bay of Bengal,

2) The countries constituting Indian Subcontinent,

3) The states through which the

Tropic of Cancer passes,

4) The strait separating Sri Lanka from India,

5) The place situated on the three seas.

2: Physical features of India: Mountain Ranges: The Karakoram, The Zaskar, The Patkai Bum, The Jaintia, The Vindhya Range, The Aravali, The Cardamon hills, The Indian desert, The Western Ghats.

Peaks: K2, Kanchenjunga, Nanga Parbat, Anai Mudi, Mahendragiri.

4- Revise and learn the questions and topics from the chapters completed till now.

5- Prepare a file on Disaster Management taking any one of the following topic:

1- Flood, 2- Drought, 3- Earthquake, 4- Industrial Ac

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Subject- Science

Class- 9th

1. (a) Explain the meaning of the following equation of motion: $v = u + at$ where symbols have their usual meanings.
(b) A body starting from rest travels with uniform acceleration. If it travels 100 m in 5 s, what is the value of acceleration?
2. (a) Derive the formula: $v = u + at$, where the symbols have usual meanings.
(b) A bus was moving with a speed of 54 km/h. On applying brakes it stopped in 8 seconds. Calculate the acceleration.
3. (a) Derive the formula: $s = ut + \frac{1}{2}at^2$, where the symbols have usual meanings.
(b) A train starting from stationary position and moving with uniform acceleration attains a speed of 36 km per hour in 10 minutes. Find its acceleration.
4. (a) Write the three equations of uniformly accelerated motion. Give the meaning of each symbol which occurs in them.
(b) A car acquires a velocity of 72 km per hour in 10 seconds starting from rest. Find (i) the acceleration,
(ii) The average velocity, and
(iii) The distance travelled in this time.
5. (a) What is meant by uniform circular motion? Give two examples of uniform circular motion.
(b) The tip of seconds' hand of a clock takes 60 seconds to move once on the circular dial of the clock. If the radius of the dial of the clock be 10.5 cm, calculate the speed of the tip of the seconds' hand of the clock.
6. Project work: all students will pick one topic from biology and make a 3D model and chart on it.
7. Collect information about any two communicable disease and the information in a folder with illustration,
Picture and photographs.
 - a) What are communicable diseases?
 - b) Sign and symptom
 - c) Cure and prevention
8. Why do we feel comfortable under a fan when we are perspiring?
9. Water as ice has cooling effect, whereas water as steam may cause severe burns .explain these observations.
10. Draw a 3D charts on any one of the following topics.
 - n) Fractional distillation
 - o) Chromatography
 - p) Sublimation
 - q) Evaporation

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Subject- Hindi

Class- 9th

- 01 लेखक मुंशी प्रेमचंद के जीवन परिचय लिखें तथा उनकी किसी कहानी को अपने शब्दों में लिखिए।
- 02 अपने द्वारा किये गए किसी यात्रा वृत्तांत का वर्णन करो जिसमें सभी पहलुओं को समेटा गया हो।
- 03 पुस्तक क्षितिज एवं कृतिका के समस्त पाठ एवं उनके लेखक का नाम लिखिये और याद कीजिये।
- 04 समास की परिभाषा एवं इसके भेदों को परिभाषा सहित लिखिये।
- 05 उपभोक्तावाद को अपने शब्दों में परिभाषित परिभाषित कीजिये।
- 06 अपने किसी पसन्दीदा स्थान का रहन-सहन तापमान, संस्कृति एवं परिधान को क्रमवार लिखिये।
- 07 अपने किसी आदर्श महापुरुष का जीवन परिचय लिखें, साथ ही आप उनसे किस प्रकार अभिप्रेरित हैं? लिखिये।
- 08 ग्रीष्मकाल में रहन-सहन व कुछ सावधानियों को अपने शब्दों में लिखें।
- 09 एक आदर्श विद्यार्थी के रूप में आपके क्या कर्तव्य हैं? उन्हें क्रमवार लिखिये।
- 10 सुमित्रानंदन पंत की रचना "ग्राम श्री" कविता को याद करें तथा इस कविता का भावार्थ अपने शब्दों में लिखें।