LITTLE ANGELS PUBLIC SCHOOL BARPALI

Celebrating 25 Years of Inspiring Futures

Summer Holiday Homework
Academic Year: 2025 – 2026

Class - IX

"Summer holidays are a wonderful opportunity to relax, learn new things, and discover the world around you. It's the perfect time to explore your interests, spark your creativity, and develop new skills. Fill your days with joyful activities, exciting books, and memorable moments with family and friends. Make each day meaningful, and return with fresh ideas, happy memories, and a stronger you!"

Instructions

• Weekly Holiday Homework will be shared every Sunday in class WhatsApp groups.
  Mark your calendars and stay tuned for some fun and engaging tasks each week!
• We request parents to take an active role by reading the homework questions aloud to
  their children.
  Let's make learning a shared adventure! Please avoid giving mobile phones to your kids.
• Make sure that the homework is done in Three separate notebooks.
  Notebook - 1 (English) / Notebook - 2 (Maths) / Notebook - 3 (Hindi , Odia , Science & SST)
• For IT use respective subject copy.
• For all activities such as suggestions / family activities / outdoor activities click photographs /
  make audio or video of the activities as per instruction given . Share it with your mentor.
  (Whatsapp Group)

- **Reading Activity**
  This summer, enjoy reading the following two wonderful books:
  1. "The Habit of Winning" by Prakash Iyer
  2. "You are born to blossom" by Arun Tiwari.

  These books have been chosen to enrich your reading experience and imagination. A quiz based on both books will be conducted after the school reopens, and the marks will be included in the First Periodic Test (PT-1) exam.
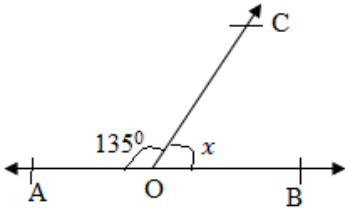

- **Diary Entry**
  Write a diary entry on a daily basis before going to bed. In your diary, describe how you spent your day, what you enjoyed the most, and any new thing you learned or felt. Be honest and expressive. You may include your feelings, thoughts, or reflections.

Class- IX (Holiday Homework)
1st Week

Day – 1

Subject - Maths

1. Write the multiplication tables from 6 – 10.

2. Do prime factorization. (i) 216 9ii) 2400

3. Write 5 pairs of co – prime numbers.

4. Write all even and odd numbers from 1 – 50.

5. Write 5 prime numbers and 5 composite numbers.

6. Find the missing angle x.

Subject - English

Write the Meanings of the words: (2 times)

 Scornfully, Dispute, Century, Trodden, Sigh, Gaily, Tyrant, Jostled, Pleaded, Weary,

Subject - Hindi

निम्नलिखित शब्दों के शब्दार्थ लिखते हुए पाठ्यपुस्तक से वाक्य छांटकर लिखिए

रगेदना	साबिका	काँजीहौस	रेवड़
थान	उछाह	निरापद	कुलेले
विषाद	पराकाष्ठा	पगहिया	

Subject - Odia

୧ ବର୍ଣ୍ଣ ପରିଚୟର ଏକ ତାଲିକା ପ୍ରସ୍ତୁତ କର ।

୨ ଗ୍ରୀଷ୍ମ ସମୟରେ ପାନୀୟ ଜଳର ଉକୃଟ ସମସ୍ୟାକୁ କେନ୍ଦ୍ରକରି ଗୋଷ୍ଠୀ ଉନ୍ନୟନ ଅଧିକାରୀଙ୍କ ନିକଟକୁ ଦରଖାସ୍ତ ।
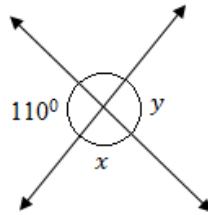
Subject - Science

Write the following words 2 times and Define it.

i) Density   ii) Mass   iii) Diffusion   iv) Fluidity and rigidity

v) Sublimation   vi) Melting and Melting point   vii) Boiling and Boiling point

Day – 2

Subject - Maths

1. Write the multiplication tables from 11 – 15
2. Find the HCF of 120 and 600.
3. Find the LCM of 64 and 160.
4. Convert in exponential form 1200.
5. Find the square root of : $\sqrt{36 \times 625}$
6. Find the missing angle $x \; and \; y$.

Subject - English

Writing Task: Describe your favorite place to relax during holidays (100–150 words using sensory details)

Subject - Hindi

किसान जीवन वाले समाज में पशु और मनुष्य के आपसी संबंधों को कहानी में किस तरह व्यक्त किया गया है? पाठ्यपुस्तक के आधार पर लिखिए-

Subject - Odia
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 ଭକ୍ତଚରଣ ଦାସଙ୍କ 'ମଥୁରା ମଙ୍ଗଳ'ବିଷୟକୁ ଆଧାର କରି ଷଷ୍ଠ ଛାନ୍ଦ ବିଷୟରେ ଏକ ଅନୁଚ୍ଛେଦ ପ୍ରସ୍ତୁତ କର।

Subject - Science

Write the following words 2 times and Define it.

i) Vaporisation   ii) Freezing and Freezing point   iii) Vaporisation and Evaporation

iv) Gas and Vapour   v) latent heat   vi) latent heat of fusion

vii) Latent heat of vaporisation

Day – 3

Subject - Maths

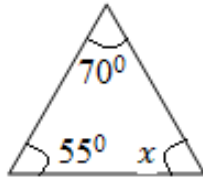1. Write the multiplication table from 16 – 20

2. Add: $\frac{-2}{5} + \frac{3}{4} + \frac{1}{2}$

3. Subtract: $\frac{4}{5}$ from $\frac{-3}{2}$

4. Multiply: $\frac{-20}{150} \times \frac{5}{80} \times \left(\frac{-6}{40}\right)$

5. Divide: $\frac{-15}{26}$ by $\frac{-5}{13}$

6. Find the missing angel x.

Subject - English

Write the Meanings of the words: (2 times)

Profoundly,   Intriguing,   Daunting,   Maestro, Crumbling, Potential, Flawlessly, Lilt, Tingles, Workaholic

Subject - Hindi

निम्नलिखित शब्दों से मूल शब्द एवं प्रत्यय पृथक कीजिए-

i) औद्योगिक ……………….. ………………

ii) वास्तविक ……………….. ………………

iii) अंकित ……………….. ………………

iv) मिलान ……………….. ………………

v) आर्थिक ……………….. ………………

vi) समर्पित ……………….. ………………

vii) क्रोधित ……………….. ………………

viii) पढ़ाकू ……………….. ………………

ix) चिकनाहट ……………….. ………………

x) लिखावट ……………….. ………………

xi) प्रसन्नता ……………….. ………………

Subject - Odia

୧. ମରୁଡ଼ିର ପ୍ରତିକାର ପାଇଁ ପଦକ୍ଷେପ ନେବାକୁ ଜିଲ୍ଲାପାଳଙ୍କ ନିକଟକୁ ଦରଖାସ୍ତ ।

୨. ଅଙ୍କକୁ (୧ ରୁ ୨୦) ପୂରଣ ବାଚକ ପଦରେ ଲେଖ
   ଉଦାହରଣ- ୧ - ପ୍ରଥମ   ୨ - ଦ୍ଵିତୀୟ…
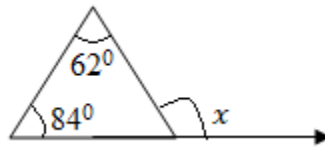
Subject - Science

Write the following words 2 times and Define it.

 i) Motion Motion   ii) Scalar and Vector quantity   iii) Distance   iv) Displacement

v) Uniform and No Uniform motion   vi) Speed and its types   vii) Velocity and its types

viii) acceleration and its types

Day – 4

Subject -Maths

1. Write the multiplication tables from 21 – 23.

2. Simplify: $\left(\frac{-1}{2} \times \frac{4}{5}\right) \div \frac{-8}{27}$

3. Simplify : $\left|\frac{-4}{3} - \frac{2}{4}\right| \times \left|\frac{-1}{2} + \frac{2}{3}\right|$

4. Simplify: $\left(\frac{-3}{7} \div \frac{9}{42}\right) \times \frac{5}{8}$

5. Simplify: $\left[\frac{-4}{5} \div \frac{2}{7}\right] \div \left[\frac{-1}{2} \times \frac{8}{5}\right]$

6. Find the missing angle x.

Subject - English

Activity: Book Review Activity (Fiction)

Read and review a novel/storybook (title, author, characters, summary, opinion, favorite quote, rating)

Subject - Hindi

निम्नलिखित शब्दों से मूल शब्द एवं प्रत्यय पृथक कीजिए-

i) पहाड़ी ……………….. ……………….
ii) सपेरा ……………….. ……………….
iii)कृपालु ……………….. ……………….
iv) सौदागर ……………….. ………….
v) बहाव … … … … . … … … … ..

vi) प्रतिष्ठित ……………….. ……………….
vii) कालिमा ……………….. ……………….
viii) आनंदित ……………….. ……………….
ix) नैतिक ……………….. ……………….

Subject - Odia

୧. ବନ୍ଦେ ଉତ୍କଳ ଜନନୀ ବିଷୟକୁ ଆଧାର କରି ୧୫ ଟି କଠିନ ଶବ୍ଦ ଓ ତା'ର ଅର୍ଥ ଲେଖ।
୨. ଯେ କୌଣସି ଏକ ଦର୍ଶନୀୟ ସ୍ଥାନର ଇତିହାସ ଅବା କିମ୍ବଦନ୍ତୀ ବିଷୟରେ ଲେଖ।

Subject - SST

Read your book carefully and take out the definition & meaning of all the key words- (History)

i) Militia   ii) Bastille   iii) Tithe   iv)Taille   v) Treason
vi) Clergy   vii) Nobles   viii) Commons   ix) Marseilles   x) Estate General

Day – 5

Subject - Maths

1. Write the multiplication tables from 24 to 25.

2. Evaluate: i) $(-2)^5$ ii) $\left(\frac{-2}{3}\right)^{10}$

3. Simplify:

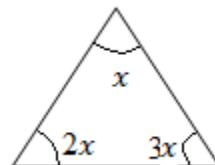i) $\left(\frac{-2}{3}\right)^9 \times \left(\frac{-2}{3}\right)^{10}$ ii) $\left(\frac{5}{7}\right)^{12} \div \left(\frac{5}{7}\right)^{15}$ iii) $\left(\frac{2}{5}\right)^{\frac{1}{3}} \times \left(\frac{2}{5}\right)^{\frac{2}{5}}$

iv) $\left(\frac{3}{4}\right)^{\frac{-1}{2}} \div \left(\frac{3}{4}\right)^{\frac{1}{3}}$ v) $\frac{3^{\frac{-1}{5}} \times 3^{\frac{1}{2}}}{(27)^{\frac{2}{3}}}$

4. Find the value of x and each angle in the triangle.

Subject - English

Grammar (Present Tense):

My School, My Pride!

Task: Write a short paragraph in simple present tense to describe your school.

Subject - Hindi

क्षितिज पाठ्यपुस्तक से पृष्ठ क्रमांक ०५

जानवरों में सबसे… … … … … … . गण्य बना दिया- अनुच्छेद से १५-२० कठिन शब्द छांटकर लिखिए तथा उसे वाक्य में प्रयोग कीजिए-

Subject - Odia

ଚିତ୍ରେ ଚିତ୍ରେ ଗ୍ରୀଷ୍ମକାଳ…..
  ନିମ୍ନରେ ଦର୍ଶିତ ଯେ କୌଣସି ଗୋଟିକର ଚିତ୍ରକୁ ଅଙ୍କନ କରି ଚିତ୍ର ପାଇଁ ଏକ ମନଛୁଆଁ ଶୀର୍ଷକ ଲେଖ ।
  (ଉଦାହରଣ: - ଥୁଣ୍ଡା ଗଛ, ଶୁଖୁଲା ନଈ , ଜଳାଭାବ ଯୋଗୁଁ ଦୂରରୁ ପାଣି ବୋହି ଆଣିବାର ଦୃଶ୍ୟ, ଫଟା ମାଟି,)

Subject - SST

1. Write all the states & union territories & its capital.
2. Locate & label the southernmost, northernmost, easternmost, westernmost longitudinal & latitudinal location of India.

Day – 6

Case – Base Study

Ram, Shyam and Hari are three friends studying in a hostel in Delhi. Ram has a box with five number cards $\sqrt{2},\ \sqrt{9},\ \sqrt{200},\ \sqrt{625}$ and $5\sqrt{3}$. Shyam has also a bon with three number cards $2\sqrt{5}$, $3\sqrt{3}$ and $\sqrt{5}$ also Hari with two cards $\sqrt{13}$ and $\sqrt{36}$.

Based on the above case, find the answer.

1. How many Rational numbers does Ram have?

2. How many Irrational numbers does Hari have?

3. Add: $\left(5\sqrt{3} + \sqrt{5}\right)$ and $\left(3\sqrt{3} + 2\sqrt{5}\right)$

4. Find the product: $2\sqrt{5} \times \sqrt{5} \times 3\sqrt{5}$.

5. Divide: $\frac{30\sqrt{15}}{3\sqrt{3}\times\sqrt{2}}$

6. Subtract $7\sqrt{3}$ from $-25\sqrt{3}$.

7. Evaluate: $\left(\sqrt{625}+\sqrt{9}\right)\times\sqrt{36}$

8. Simplify: $\frac{\sqrt[3]{13}\times\sqrt[5]{13}}{\left(\sqrt{169}\right)^{4}}$

Subject - English

Grammar(Past Tense)

Yesterday's Memory-   Write about a real incident using simple past tense (100-150 words)

Subject - Hindi

निम्नलिखित उपसर्गों से दो-दो शब्दों की रचना कीजिए

i) अति …………….. ………………   vi) उप …………….. ………………
ii) प्रति …………….. ………………   vii) सम …………….. ………………
iii) ला …………….. ………………   viii) हम …………….. ………………
iv) बे …………….. ………………   ix) पुनर …………….. ………………
v) दुस् …………….. ………………   x) परि …………….. ………………

Subject - Odia

ବଂଶାବଳୀ -   ଜେଜେବାପା ଅବା ପିତାଙ୍କ ସହାୟତାରେ ପରିବାରର ବଂଶାବଳୀ ପ୍ରସ୍ତୁତ କର।

Subject - SST

Take out all the definition & meaning of key words-

i) Democracy   ii) Constitution   iii) Preamble   iv) Amendment   v) Article

vi) Draft   vii) Constituent Assembly   viii) Election   ix) Campaign

x) Referendum

Summer Special Activity:

Make a DIY paper or cloth hand fan, decorate it with Warli or Madhubani art, and write a slogan about "Beat the Heat"

You have completed your Weekly Assignment !!!