

LITTLE ANGELS PUBLIC SCHOOL, BARPALI

Summer Holiday Homework

Academic Year: 2026 – 2027

Class: IX



“Let this summer be a journey of joyful learning through play, creativity, and real-life experiences. Connect with family, culture, and nature, and grow every day with confidence and curiosity”

INSTRUCTIONS TO PARENTS

- Weekly Holiday Homework will be uploaded every Sunday on the school website. (Website link will be shared in class Whatsapp Group)
- Students must complete their homework independently and on time.
- Must maintain a separate one line thin notebook for each subject. (Use A4 size paper for project work)
- Must use their own ideas and be creative in their work.
- Engage in activities such as reading books, project work, observation tasks, learning a new skill such as cooking, gardening or anything that they love to do.
- Digital tools if necessary for doing task, under the guidance of parents.
- For all activities such as suggestions / family activities / charity/ outdoor activities students may make audio or video clips as per instructions given, share it with their mentor. (WhatsApp Group)

Parents are requested to support and encourage their child to follow the daily schedule for effective learning and overall development.

INSTRUCTION TO STUDENTS

Focus: Experiential learning + responsibility + skills

- Maintain a disciplined daily schedule (early rising, hygiene, prayer).
- Allocate time for self-study and revision.
- Read books beyond textbooks (story, general knowledge).
- Participate in physical activities / sports / yoga / morning walk.
- Help in household responsibilities.
- Explore hobbies (art, music, coding basics, craft, etc.).
- Practice critical thinking through observation and questioning.
- Spend time with family and learn cultural values.
- Avoid excessive screen time; use technology for learning.

Day – 2

Subject- English

1. Write the Present (V1), Past (V2) and Past Participle (V3) form of the following verbs:

Use, come, deal, die, call, believe, describe, go, forget, repeat, happen, join, discuss, eat, play, nod, make

2. Write a descriptive paragraph in about 100-150 words on “ My Favourite Place”.

Subject- Hindi

निम्नलिखित शब्दों से मूल शब्द एवं प्रत्यय पृथक कीजिए-

i) पहाड़ी

ii) प्रतिष्ठित

iii) सपेरा

iv) कालिमा

v) कृपालु

vi) आनंदित

vii) सौदागर

viii) नैतिक

ix) बहाव

Subject – Odia

୧. ଭକ୍ତଚରଣ ଦାସଙ୍କ ‘ମଥୁରା ମଙ୍ଗଳ’ ବିଷୟକୁ ଆଧାର କରି କୃଷ୍ଣଙ୍କ ମଥୁରା ଗମନ ବିଷୟରେ ଏକ ଅନୁଛେଦ ପ୍ରସ୍ତୁତ କର।

Subject- Maths

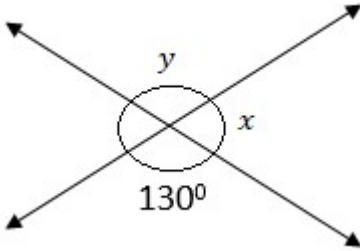
1. Write the multiplication table from 11 – 14.

2. Find the HCF and LCM of 280 and 1200.

3. Find the value of $\frac{\sqrt{225} \times \sqrt{196}}{\sqrt{3600}}$

4. Find the value of $\sqrt[3]{216} \times 3375$

5. Find the missing angle x and y .



Subject- Science

1. Write a short note.

i) What is a cell?

ii) Why are cells called structural and functional units of life?

iii) who discovered the cell and how?

iv) What is plasmolysis?

v) Define the term osmosis and diffusion.

Day – 3

Subject- English

1. Write an application to the Principal of your school asking for two days' leave for your brother's marriage.
2. Translate the following sentences into English.
 - i) ମୁଁ ପ୍ରତି ସୋମବାର ମନ୍ଦିରକୁ ଯାଏ I
 - ii) ମୁଁ ପ୍ରତିଦିନ ଖବରକାଗଜ ପଢ଼େ I
 - iii) ଆମ ବିଦ୍ୟାଳୟ ସକାଳ ୭.୩୦ ରେ ଆରମ୍ଭ ହୁଏ I
 - iv) ତୁମେ ନିୟମିତ ଅଭ୍ୟାସ କର I
 - v) ମୁଁ ଏକ ଉତ୍ତମ ଅବସର ଲାଗି ଅପେକ୍ଷା କରେ I

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

୧. ତୁମ ଡାକ୍ତର ସଫେଇ ଅବହେଳା ସଂପର୍କରେ ତୁମେ ତୁମ ବିଜ୍ଞାପିତ ଅଞ୍ଚଳ ପରିଷଦର ମୁଖ୍ୟଙ୍କ ନିକଟକୁ ପ୍ରତିବାଦ ପତ୍ର ଲେଖ ।

୨. ଧ୍ୱନିମାତ୍ରିକ ଶବ୍ଦର ପାଞ୍ଚଟି ଉଦାହରଣ ଲେଖ ।

ଯେପରି - ୦କ୍ ୦କ୍

Subject- Maths

1. Write the multiplication tables from 15 – 18.
2. Add: $\left[\left(\frac{4}{7} + \frac{1}{2}\right)\right] + \left[\frac{-3}{5} + \left(\frac{-2}{3}\right)\right]$
3. Subtract $\frac{20}{13}$ from $\frac{-25}{26}$.
4. Find the product: $\frac{-4}{5} \times \frac{200}{8} \times \left(\frac{-40}{30}\right) \times \frac{5}{16}$.
5. Divide the sum of $\frac{-1}{2}$ and $\frac{5}{8}$ by their product.

Subject- Science

1. Define the following:
 - i) Types of Speed
 - ii) Types of Velocity
 - iii) Types of acceleration
 - iv) Scalar and Vector quantity
 - v) Distance and Displacement.

Day – 4

Subject- English

1. Read the lesson “How I Taught My Grandmother to Read” and enlist ten words.
2. Make a sentence using each of the words enlisted by you.

Subject- Hindi

निम्नलिखित उपसर्गों से दो-दो शब्दों की रचना कीजिए

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

Subject – Odia

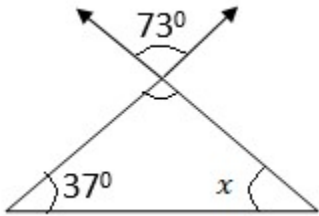
୧. ଉତ୍କଳ ଜନନୀ କେଉଁ କେଉଁ କାରଣ ପାଇଁ ବନ୍ଦନୀୟା, ସେଇ କାରଣ ଗୁଡ଼ିକ ଖାତାରେ ଚିପି ରଖ।
୨. ବିଦ୍ୟାଳୟର ଛାତ୍ରାବାସରେ ସ୍ଥାନ ପାଇବାପାଇଁ ପ୍ରଧାନ ଶିକ୍ଷକଙ୍କ ନିକଟକୁ ଦରଖାସ୍ତ ଲେଖ।

Subject- Maths

1. Write the multiplication tables 19 – 22.
2. Simplify:

- a) $\left(\frac{7}{9} - \frac{3}{18}\right) \times \left(\frac{-2}{5} + \frac{1}{4}\right)$
- b) $\left[\left(\frac{-3}{5} \div \frac{2}{15}\right) \times \frac{-4}{10}\right] \div \left(\frac{-5}{6} \times \frac{4}{15}\right)$
- c) $\left(\frac{-1}{15} \times \frac{5}{4} \times \frac{8}{6}\right) \times \left(\frac{-2}{3} \div \frac{4}{9}\right)$
- d) $\left|\frac{-9}{7} - \frac{2}{14}\right| \div \left|\frac{-3}{4} + \frac{1}{2}\right|$

3. Find the missing angle x .



Subject- Social Science

Civics:- Read your book carefully and take out definition and meaning of all the key words

- | | | | |
|---------------------------|----------------------|---------------------------|-------------------------------|
| i) Democracy, | ii) Dictatorship | iii) Military Rule | iv) Universal Adult Franchise |
| v) Free and fair election | vi) One party system | vii) Multi – party system | viii) Referendum |
| ix) Constitution | | | |

Day – 5

Subject- English

1. Make adverbs from these adjectives:

Popular, wonderful, interesting, unfortunate, endless

2. Make a sentence using each of the adverbs written by you in your own.

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

୧. ରାଜ୍ୟ ସଂଗଠକ ଗୋଟିଏ ଥର ଲେଖା । ଉକ୍ତ ସ୍ଵରରେ ଆବୃତ୍ତି କର ଓ କଠିନ ଶବ୍ଦାର୍ଥ ଲେଖ ।

Subject- Maths

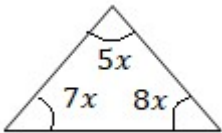
1. Write the multiplication table from 23 – 25.

2. Evaluate: a) $(625)^{\frac{1}{4}}$ b) $\sqrt[5]{32}$

3. Simplify: a) $\frac{5^{\frac{1}{3}} \times 5^{\frac{1}{2}}}{5^{\frac{2}{3}}}$ b) $\frac{9^{\frac{1}{3}} \times 27^{\frac{-1}{2}}}{3^6 \times 3^{\frac{-2}{3}}}$

4. Find the value of x . $(5)^{2x} \times \left(\frac{1}{5}\right)^{-5} = (5)^8$.

5. Find the value of x and each angle of the triangle.



Subject- Social Science

Geography :- On an outline Political Map of India shows all the States and Union Territories.

Day – 6

Subject- English

1. Look at your surroundings and write five sentences about the things that you see using five different types of adjectives.
2. Prepare a chart on “The Present Tense” using different verbs.

Subject – Hindi

निम्नलिखित शब्दों से मूल शब्द एवं प्रत्यय पृथक कीजिए-

- | | | | |
|-------------|--------------|---------------|--------------|
| i) औद्योगिक | ii) क्रोधित | iii) वास्तविक | iv) पढ़ाकू |
| v) अंकित | vi) चिकनाहट | vii) मिलान | viii) लिखावट |
| ix) आर्थिक | x) प्रसन्नता | xi) समर्पित | |

Subject- Odia

ତୁମ ଅଞ୍ଚଳର ଯେକୌଣସି ଦୁଇଜଣ ଯୋଦ୍ଧାଙ୍କ ଫତେ! ସଂଲଗ୍ନ କରି ତାଙ୍କ ବିଷୟରେ ପାଞ୍ଚଧାଡ଼ି ଲେଖାଏଁ ଲେଖ ।

Subject- Maths

Case based study.

Two friends Shreyanshi and Ananya of Clas – IX have two different boxes with Real numbers as given below bones. Shreyanshi has rational and Ananya has irrational number.

$$\left[\frac{-2}{3}, \frac{4}{5}, 0, 8, -27, 4.23, 2.\overline{91} \right]$$

Shriyanshi

$$\left[\sqrt{2}, \sqrt{3}, \pi, 0.121121112 \dots \dots, \sqrt{80}, \sqrt{11}, \sqrt{21} \right]$$

Ananya

Based on the above information answer the following questions.

1. The product of $2\sqrt{5}$ and $-5\sqrt{5}$ is _____.
2. Evaluate: $(\sqrt{3} - 4)(\sqrt{3} + 4)$.
3. Evaluate: $\sqrt{50} + \sqrt{72} - \sqrt{200} + \sqrt{32}$
4. Rationalise the denominator:

a) $\frac{1}{2+\sqrt{3}}$

b) $\frac{\sqrt{2}}{\sqrt{5}+\sqrt{3}}$

c) $\frac{\sqrt{5}+2}{\sqrt{5}-2}$

d) $\frac{\sqrt{2}}{\sqrt{5}+\sqrt{3}}$

Subject- Social Science

Economics :-

- 1- What do you mean by economic activity?
- 2- What is land in economics?
- 3- What is Labour?
- 4- What is physical capital?
- 5- What is working capital?
- 6- Human capital is superior than other capital? Justify the statement.
- 7- What is production?
- 8- What is utility?

Subject – I.T

Project 1- Make a poster on safe internet use on a A4 size paper.

Summer Special Activity

Plant a seed, nurture, and monitor it's development at the end of each week and bring it in the month of July during Van Mahotsav Week.