ARMY PUBLIC SCHOOL, DANAPUR CANTT
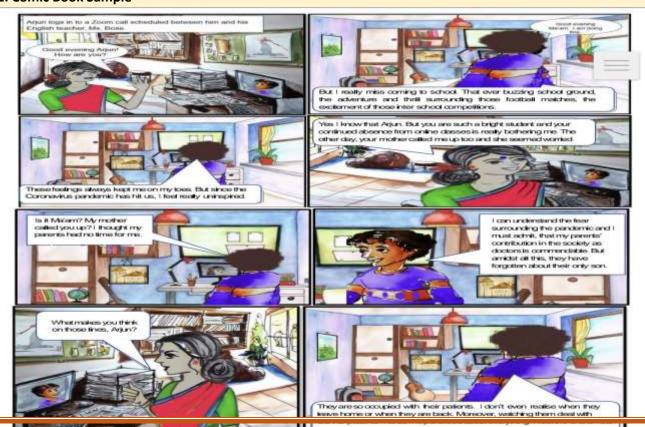
CLASS IX - HOLIDAY HOMEWORK (2024-25)

ENGLISH

1. **Prepare a comic book ch : 1 The Lost Child   ch:2 Ustaad Bismillah Khan**
2. **Write the story board of any one story The Lost Child   or   Ustaad Bismillah Khan**
   (A) Use pictorial images and glossary as given in the sample.

3. **Write the character sketch with drawing (any two character).**

   1. Ustaad Bismillah Khan

   2. The Stranger or the lost child

4. **Read a book of your interest and learn the excerpt from the book or prepare a declamation of the character from the book.**
5. **Learn words from spelling list**
   (A) Identify part of speech
   (B) Write meaning
   (C) Antonyms

   Note :

   1) **Do Holiday homework in biology practical notebook (cover notebook with black chart paper artistically)**
   2) **Mind your handwriting while doing assignment.**
   3) **For Declamation you need to prepare spirited speech of the main character of the book with emotions.**
   4) **Exercpt: a short piece taken from a book.**
   5) **Comic book sample**

1. Comic Book Sample

Glossary - **perturbed**: anxious; nervous.

Know the characters

Ms. Bose (English Teacher): A thirty year old, present day, English teacher fond of reading and writing. She is patient, calm and knowledgeable and is always ready with a smile to cater to her student's queries.

Arjun: A fourteen year old young boy of class IX, who loves playing football. He is an outgoing boy who is currently affected mentally and is depressed because of the Coronavirus pandemic. His parents are doctors.

Johnsy: A young artist belonging to Greenwich village in New York. She has been suffering from pneumonia and is depressed owing to her illness.

Sue: A young artist belonging to Greenwich village in New York. She is kind-hearted, practical and loves her friend, Johnsy dearly.
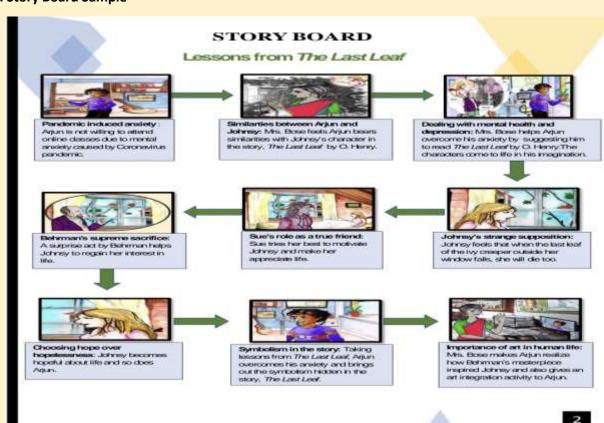
Behrman: A sixty year old painter who lives in the same building as Sue and Johnsy. He lives a Bohemian lifestyle and is not successful commercially. He usually earns his living by either selling his paintings or acting as a subject for his fellow painters.

Johnsy's doctor: A middle aged doctor who attends to Johnsy and Behrman. He makes Sue realise that no amount of medicines can heal Johnsy except an inborn desire and will to live.

3. Story Board Sample

STORY BOARD
Lessons from *The Last Leaf*

Pandemic induced anxiety: Arjun is not willing to attend online classes due to mental anxiety caused by Coronavirus pandemic.

Similarities between Arjun and Johnsy: Mrs. Bose feels Arjun bears similarities with Johnsy's character in the story, *The Last Leaf* by O. Henry.

Dealing with mental health and depression: Mrs. Bose helps Arjun overcome his anxiety by suggesting him to read *The Last Leaf* by O. Henry. The characters come to life in his imagination.

Behrman's supreme sacrifice: A surprise act by Behrman helps Johnsy to regain her interest in life.

Sue's role as a true friend: Sue tries her best to motivate Johnsy and make her appreciate life.

Johnsy's strange supposition: Johnsy feels that when the last leaf of the ivy creeper outside her window falls, she will die too.

Choosing hope over hopelessness: Johnsy becomes hopeful about life and so does Arjun.

Symbolism in the story: Taking lessons from *The Last Leaf*, Arjun overcomes his anxiety and brings out the symbolism hidden in the story, *The Last Leaf*.

Importance of art in human life: Mrs. Bose makes Arjun realize how Behrman's masterpiece inspired Johnsy and also gives an art integration activity to Arjun.

हिंदी ग्रीष्मावकाश गृहकार्य

1. वर्तनी तालिका से **20** शब्दों का चयन कर उन्हें वाक्य में प्रयुक्त कीजिए.

2. वर्तनी तालिका से **15** शब्दों का चयन कर उनका पर्यायवाची शब्द लिखिए.

3. वर्तनी तालिका के शब्दों को लिखें और याद करें.

4. किसी पुस्तक को पढ़कर उसकी समीक्षा लिखिए.

5. पढ़ाए गए पाठों का प्रश्नोत्तर लिखिए और याद कीजिए

Mathematics

1. Find three rational numbers between 0.1 and 0.11.
2. Rationalize the denominator of $(3\sqrt{5} + \sqrt{3}) / (\sqrt{5} - \sqrt{3})$.
3. Find the value of $4/(216)^{-2/3} + 1/(256)^{-3/4} + 2/(243)^{-1/5}$
4. If $p(x)=x^2-4x+3$,. Evaluate $p(2)-p(-1)+p(\frac{1}{2})$.
5. if $a+b+c=9$ and $ab+bc+ca=26$, find $a^2+b^2+c^2$.
6. Factorise $a^3-8b^3-64c^3-24abc$.
7. If $a+b+c=5$ and $ab+bc+ca=10$, then find the value of $a^3+b^3+c^3-3abc$?
8. Locate $\sqrt{2}, \sqrt{3}, \sqrt{5}, \sqrt{6}, \sqrt{7}$ on the number line by spiral method.
9. Prove that :- $(a+b)^2=a^2+2ab + b^2$

   $(a-b)^2 = a^2 - 2ab + b^2$ (With diagram)

Chemistry

Create a collage depicting different states of matter(Solid, Liquid and Gas) using pictures from magazines or drawings.

Label each state and include examples of substances in each state.

BIOLOGY

1. Differentiate between plant and animal cells with help of proper diagrams .

2. Describe with diagram different cells(atleast 10) in your surrounding along with their function.

Pls Note: all HHW to be done in Bio note book

PHYSICS

A.

   1. Draw graph on graph paper for the following conditions .

      i. Velocity - time graph of s body moving with uniform retardation

ii. Velocity- time graph of a body which is moving with some initial velocity and then uniform acceleration .

iii. Body moving with uniform motion.

2. Give 3 difference between speed and velocity , distance and displacement in tabular form

3. An object starting from rest travels 20 m in first 2 sec and 160 m in next 4 sec. What will be the velocity after 7 sec from start.

B. Complete exercise question and answer of chapter Motion.

C. Revise whatever taught in class.

SOCIAL SCIENCE

1. Prepare a comic book on 'The story of village Palampur'.

2. On the political map of India locate the following:

India's state and its   capital, Standard meridian, Tropic of Cancer

3. On the political map of France locate the following:

Nantes, Paris,   Bordeaux , Marseilles

(Paste the map in your fair notebook)

4. Learn all the taught chapters.

SKILL SUBJECT

Note:- All the following task should be done in Skill subject notebook.

1. What is Effective communication?

2. What do you understand by the phrase 'Barriers to Effective communication'?

3. Define Verbal communication. What are the two forms of Verbal communication?

4. Enlist the factors affecting perspective in communication?

5. State the importance of effective communication.

6. What do you understand by written communication?

7. Discuss the role of non-verbal elements in effective communication.

8. Draw picture of Top 5 IT Company logos and describe its significance.

9. How computer helps us in our daily life.

10. Explain

a) Internet   b) Virus   c) Cyber Security   d) Operating System

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