INTEGRATED INDIAN SCHOOL, KUWAIT
CLASS IX (2023-24)
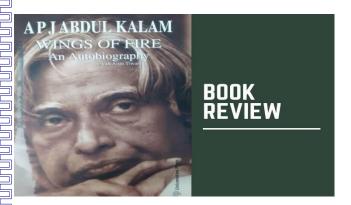
ENGLISH

1. CREATE POWERPOINT PRESENTATION – (MOMENTS READER)

➢ **Create a PPT on the lesson ''ISWARAN THE STORYTELLER''**

➢ **Create a PPT on the lesson "IN THE KINGDOM OF FOOLS"**

➢ **Create a PPT on the lesson ''THE HAPPY PRINCE''**

3. BOOK REVIEW

a. Read the book **"Wings of Fire''** by **Dr. APJ. Abdul Kalam** and write a book review for the same. Make sure you include your personal response to the review.

➢ Also make a creative book jacket and put the review in it.
   Design a stick caricature for main character from the book.

➢ Paste the caricature.

➢ Write on a white ruled A-4 size sheet.

3. Watch the movie 'Wall-E' and write its review in 80-100 words

4. Dictionary Making.

Learn 3 new words and their meanings every day and make a pocket dictionary of 50 words.

5. GROUP WORK: ART INTEGRATED PROJECT

Prepare a group activity based on the lesson **The Sound of Music** in Beehive.

➢ Choose any 2 musicians from **Andaman & Nicobar Island, Lakshadweep and International musicians.**

- ➢ You are supposed to mention about the **instruments** they play and **their origin and history**
- ➢ Prepare a Best out of Waste **model** of any **one Musical instrument** of Andaman & Nicobar Island and Lakshadweep.
- ➢ Since it is an inter-disciplinary activity, you are required to link the project to the following disciplines (subjects)
  - i. General Knowledge
  - ii. History
  - iii. Music Production
- ➢ Clarity of the pictures and content should be given importance.

The assignment must be hand written and will have the following:

a. The cover page of the Title- The Maestro Art Gallery, Name of the Subject- Art Integrated Project, Class & Section and names of the group members and their contribution.
b. Introduction to the topic connecting it to the above mentioned subjects.
c. Photographs of the musicians.
d. Photographs of the instruments they play.
e. Information about the musicians.

f. Acknowledgement
g. Conclusion
h. Bibliography (References)
i. Teachers Evaluation Report Page

This Assignment will be evaluated for Internal assessment based on the Guidelines on Art-Integrated Learning issued by the CBSE.

विषय-हिंदी 'ब'

1) अनुच्छेद लेखन- कोई 3 (समसामयिक एवं व्यावहारिक जीवन से जुड़े हुए विषयों पर लगभग 120 शब्दों में)

2) चित्र वर्णन – कोई 2 (चित्रों में दिखाई दे रहे दृश्य/घटना का कल्पना शक्ति से लगभग 100 शब्दों में वर्णन)

3)"अंडमान और निकोबार द्वीपसमूह पर सुनामी (2004) का प्रभाव" विषय पर एक लेख लिखिए।

FRENCH

1. Write all the exercises with answers of leçons 1, 2, 3 & 4.
2. Write the questions and answers of leçons 1, 2, 3 & 4.
3. Write the grammaire with examples: Passé-composé – verbes in 'er', 'ir', 'oir', 're'- Future simple – articles – interrogative- les nombres.
4. Make a chart of any French monuments
5. Prepare the art integrated project of Lakshadweep, Andaman and Nicobar Islands.
   1. Tourism of Lakshadweep, Andaman and Nicobar Islands.
   2. Festival information with the pictures
   2. Famous & tradition attire
   3. Famous author or poet
   4. Music and dance.
   5. Famous and traditional food.

URDU

فعل کی تعریف اور اس کی قسمیں لکھ کر لانا ، محاورے 10 ،سابقے اور لاحقے پانچ پانچ ، مترادف 10، متضاد 10،واحد جمع 10 ، مزکر سے مونث 10، درخواست 1 مضمون 1 جو نوٹ بک میں لکھوائے گۓ ہیں لکھ کر لانا

کسی ایک نظم کو خوش خط میں تصویر کے ساتھ لکھ کر لانا
تمام پڑھائیے گۓ سبق سے دو دو سوالوں کو لکھ کر لانا۔

MATHEMATICS

1)Write the degree of each of the following polynomials:

(i) $8x^3 - 8x^4 - 2x + 3$ (ii) $10 - 6x - x^2$ (iii) $3y - \sqrt{11}$

2)Find six rational numbers between 1/7 and 1/5

3)Express the following in the form p/q, q ≠ 0 , where p and q are integers :

(i) $0.\overline{35}$ ii) $0.6\overline{32}$

4)Simplify: $[7^{4/5} \times 7^{1/5}] \div [7^{2/5} \times 7^{3/5}]$

5)Find the remainder when $x^3 - 4x^2 + x - 5$ is divided by $x + 2$

6) Rationalize the denominators of the following:

(i) $\dfrac{\sqrt{7}}{\sqrt{7} + \sqrt{5}}$　　(ii) $\dfrac{4 - \sqrt{3}}{4 + \sqrt{3}}$　　(iii) $\dfrac{3+\sqrt{11}}{3-4\sqrt{11}}$

7) Simplify each of the following expressions:

(i) $(7 + \sqrt{3})(6 - \sqrt{2})$　(ii) $(\sqrt{3} + \sqrt{5})(\sqrt{3} - \sqrt{5})$　(iii) $(\sqrt{10} - \sqrt{3})^2$

8)Find the values of a and b in the following:

i) $\dfrac{\sqrt{3}-\sqrt{2}}{\sqrt{3}+\sqrt{2}} = a + b\sqrt{6}$　　ii) $\dfrac{2+\sqrt{5}}{2-3\sqrt{5}} = a + b\sqrt{5}$

9) Factorize:

(i) $y^2 - 12y + 36$　　(ii) $27a^3 - 125b^3$

(iii) $9x^2 + 4y^2 - 25z^2 + 12xy - 20yz - 30xz$

(iv) $x^3 - 12x^2 + 48x - 64$　　　v)) $25x^2 - \dfrac{9y^2}{49}$

10)Use suitable identities to find the following products:

(i) $(y - 9)(y + 5)$　　(ii) $(5a - 11)(5a + 10)$

11)Expand each of the following, using suitable identities:

(i) $(2x + 3y - z)^2$　　(ii)$(5x - 4y)^3$

12)Evaluate the following using suitable identities:

(i) $(97)^3$　　(ii) 103×105

13) Find the value of k, if $x - 3$ is a factor of p(x) in each of the following cases:

(i) $p(x) = 2x^2 + 8x - k$　　(ii) $p(x) = 3x^2 - 6x - 2k$

14) Without actually calculating the cubes, find the value of each of the following:

(i) $(-13)^3 + (6)^3 + (7)^3$　　(ii) $(24)^3 + (-14)^3 + (-10)^3$

ACTIVITY

1)Angle Sum Property of Quadrilaterals – Draw a quadrilateral in a paper chart and show its angles with different colours. Draw a circle with those different angles to prove the sum of interior angles of a quadrilateral is 360 degrees.

2) Build a new house and its ambiance using different geometrical shapes.

❖ Prepare a Project using pie chart on Andaman & Nicobar and Lakshadweep islands using any of the topics mentioned below.

Format of the project
- ❖ Title page (cover page) Name, roll no. and class should be written.
- ❖ Acknowledgement.
- ❖ Introduction to the topic.

- ❖ Description of the topic.
- ❖ Representation of the topic using pie chart .
- ❖ Conclusion.
- ❖ Bibliography (References)
- ❖ Teachers report page.

Direction to the students
- ❖ This is project is compulsory and part of the course work.
- ❖ This project must be accomplished by each student separately.
- ❖ Project must be prepared (hand written) on A4 size paper.
- ❖ Total pages of the project should not exceed 15 pages.
- ❖ Project can be neatly prepared with the help of pictures and art forms.
- ❖ Project should not be copied from other students.

Specialised areas of the project
Students can select any one of the below topics for their Project work:

1. Urban population of male, female and children in Andaman & Nicobar islands and Lakshadweep islands.

2. Rural population of male, female and children in Andaman & Nicobar islands and Lakshadweep islands.

3. Languages in Andaman & Nicobar islands and Lakshadweep islands.

4. Religion in Andaman & Nicobar islands and Lakshadweep islands.

5. Any five crops in Andaman & Nicobar islands and Lakshadweep islands .

DISCLAMER- This project will be evaluated for Internal assessment based on the Guidelines on Art-Integrated Learning issued by the CBSE.

SOCIAL STUDIES

Prepare Project on Disaster Management as mentioned below

Format of the project

- ❖ Title page (cover page) Name, roll no. and class should be written
- ❖ Acknowledgement
- ❖ Introduction to various disasters

- ❖ Different types of disasters in India
- ❖ Specialised area (disaster)
- ❖ Methods of controlling or managing the particular disaster
- ❖ Conclusion
- ❖ Bibliography (References)
- ❖ Teachers report page.

Direction to the students

- ❖ This is project is compulsory and part of the course work
- ❖ This project must be accomplished by each student separately
- ❖ Project must be prepared (hand written) on A4 Paper.
- ❖ Total pages of the project should not exceed more than 15 pages.
- ❖ Project can be neatly prepared with the help of pictures and art forms.
- ❖ Project should not be copied from other students.

Specialised areas of the project

Students can select any one of the areas of disaster for their Project work

1. Earthquake
2. Volcanic eruption
3. Tsunami
4. Drought
5. Pandemic diseases
6. Flood
7. Land sliding
8. Cyclones
9. Heat wave
10. Storm
11. Thunderstorm
12. Hurricanes
13. Flash flood (Cloud burst)
14. Wild fire
    DISCLAMER- This project will be evaluated for Internal assessment based on the Guidelines on Art-Integrated Learning issued by the CBSE.

SCIENCE

PHYSICS

1. Write the Aim, Materials required procedure, observations,

and results for the following experiments.

I) To verify the laws of reflection of sound

II) To determine the velocity of a pulse propagated through

a stretched string/slinky.

III) To determine the density of solid (denser than water) by

using a spring balance and a measuring cylinder.

2. Differentiate the following

a) Distance and displacement

b) Speed and velocity

c) Uniform acceleration and non uniform acceleration

d) Vector and scalar

3. Write any 10 example of vector quantities and scalar

quantities

4. Draw the graph for following motions

a) Distance time graph for object   i) at rest   ii)uniform motion

b) Speed time graph for object   i) at rest   ii)uniform motion

     iii) Uniform acceleration motion

5. A stone is thrown in a vertically upward direction with avelocity of 5 ms". If the

acceleration of the stone during its motion is 10 ms? in the downward direction, what will

be the height attained by the stone and how much time will it take to reach there?

CHEMISTRY

1. Write the Aim, Materials required procedure, observations,and results for the following

experiments.

I Preparation of

a) A true solution of common salt, sugar and alum.

b) A suspension of soil, chalk powder and fine sand in water.

c) A colloidal solution of starch in water and egg albumin in water and distinguish between

these on the basis of transparency, filtration and stability.

BIOLOGY

1. What are the main features of the following components

  a) plasma membrane

  b) Mitochondria

c) Nucleus

d) Ribosome

2. Draw a neat labelled diagram of Nucleus and Mitochondria, label its parts and

   write a short note on them.

3. Differentiate the following terms.

   a) Cytoplasm and Nucleoplasm

   b) Plant cell and Animal cell

   c) Vacuole in plant cell and animal cell

   d) Rough Endoplasmic reticulum and Smooth Endoplasmic reticulum

4. Prepare 20 multiple choice questions for the chapter 5- fundamental unit of life.

5. Write the syntific name of any 20 plants and 20 animals.

ART INTEGRATED PROJECT

Prepare a power point presentation on Flora and Fauna found in Andaman and Nicobar

island.