TECNIA INTERNATIONAL SCHOOL
(AN ENGLISH MEDIUM SR. SEC. SCHOOL AFFILIATED TO CBSE)
F-19, SECTOR-8, ROHINI
NEW DELHI-85
2018 – 19
CLASS – VIII

English

1. Find out the names of the prizes awarded to writes. Also make a list of some of the literary icons who have won the Nobel Prize for literature in the last ten years and mention their nationalities.
2. Use a scrap book to design a 10 page travelogue. The following points can be included
(i)   Places /place visited during holidays
(ii)   Food and culture
(iii)   People and language
(iv)   Special thing/things about that plac4e
(v)   What you liked best about the place.
3. Read a story book and share your thoughts about it with the class after the summer vacations. Suggested books for reading:
   Enid Blyton- Mystery series
   Roald Dahl – Matilda
   Roald Dahl- The BFG
4. Read English newspaper daily and prepare a collage with the news headlines and important events.

Hindi

❖ आप जीवन में किसे अपना आदर्श मानते हैं? अपने आदर्श का चित्र चिपकाएं और उनके कौन से गुणों को आप अपनाना चाहते हैं और क्यों?

❖ जल संरक्षण पर पाँच नारे चित्र सहित लिखिए।

❖ माँ से सम्बंधित एक स्वरचित कविता लिखिए।

❖ पशु – पक्षी संरक्षण पर एक परियोजना कार्य चित्र सहित तैयार कीजिए।

❖ किसी एक विषय पर अनुच्छेद लिखिए-

   किताबें : हमारी अच्छी मित्र

                      या

   अनुशासन और विद्यार्थी जीवन

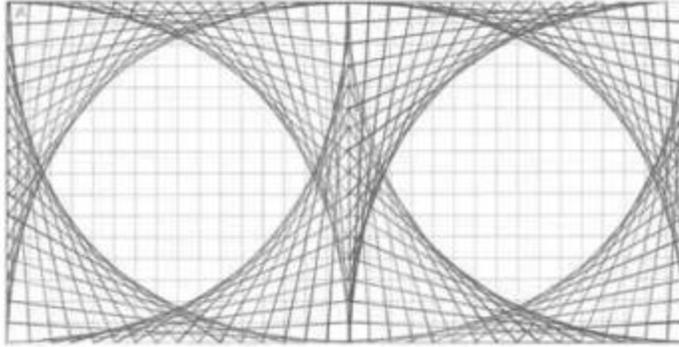नोट :- कालांतर परीक्षा-1 के सम्पूर्ण पाठ्यक्रम का अभ्यास कीजिए।

MATHEMATICS

I. Activity

Q1. 'String Art' or 'Line Design' is an art in which a series of straight lines is arranged in a systematic way such that they create the appearance of a smooth curve forming what is called an 'envelope' in mathematics.

Create your own line design on an A3 size sheet using different coloured pens.

An example is shown below:

Q2. Help me out with this riddle?

2 2 2 = 6
3 3 3 = 6
4 4 4 = 6
5 5 5 = 6
6 6 6 = 6
7 7 7 = 6
8 8 8 = 6

II . Do the worksheet in spiral file.

Worksheet

Q1.Represent the following on number line:
a) 19/2　　　　　　　　　　b) -16/3
c) 3.4　　　　　　　　　　　d) 0.5
Q2. Find 10 rational numbers between 3/5 and 5/12 using L.C.M. method.
Q3. The sum of two rational numbers is 13/5.If one of them is -3/2, find the other.
Q4. Sachin got prize money of Rs.1200. He spent 2/3 of the money on buying shoes for himself and gave 1/4 of the remaining money for charity. He also spent 1/3 of the remaining money to buy a gift for her friend. How much money is left with him?
Q5.Verify associativity of multiplication of rational numbers for the following:
a) 1/2 , 3/4 , 5/6　　　　b) 3/7 , 5/6 , 14/ 23
Q6. Find two rational numbers between the following using average method:
a) -2 and -3　　　　　　　　b) 2/3 and 13/14

Q7.Using appropriate property, find the value of:

-2/3 X 5/6 - 2/3 X 4/7

Q8.Simplify the following expression and write the additive and multiplicative inverse of the result obtained:

4/3 X 1/2 ÷ 3/2

Q9.Find the value of x , if :

a) $3^{27} \div 3^{14} = 3^{2x}$ b) $(6/7)^{-4} \times (6/7)^{13} = (6/7)^{3x}$

Q10. Expand the following numbers using exponential notation:

a) 23564.196   b) 1983. 21003

Q11.Which is greater?

a) 2.5×10^{5} or 7.4×10^{-5}

b) 1.9×10^{-6} or 1.2×10^{-7}

Q12.Simplify the following and write the multiplicative inverse of the answer obtained:

$\{(-3)^{4} \times (-3)^{-4}\} \div (-3)$

II. Practice chapters done till now.

SCIENCE

1. Collect the pictures of plough, harrow seed drill levelers, sickle, trowel and thresher and paste them on a chart under the heading agricultural implements.

2. Make a project report on Micro-organisms.

The project must be presented very neatly with colourful borders and pictures.

It should be written in the following ways:

(i) Introduction

(ii) Write any two uses of Micro-organisms in the following fields:

(a) Nature

(b) Food

(c) Medicine

(d) Industry

(iii) Write about harmful Microorganisms.

3. Make a colourful and informative poster on the topic "Plastic Causes Pollution" or

"Ban Plastics".
(Information on Effect of Plastics on Soil, Animals and Air)
➢   Use an A3 size sheet for the above activity.

4. Do the given question bank in science notebook.

5. Learn Periodic-1 syllabus for Periodic-1 Exam.

SOCIAL SCIENCE

Topic: Natural Disasters

Content Coverage:

Part A

Prepare a case study on any one of the following topic.

1. Drought in Maharashtra- a case study

OR

2. Forest Fires in Uttarakhand- a case study

A case study should include points like–

- Causes
- Number of people affected,
- Areas districts affected,
- loss of life
- Steps taken by the government to handle this difficult situation.
- Precautions we can take as informed citizens to tackle this situation

Part B

Make a Collage on the above mentioned natural disasters by sticking pictures and newspaper cuttings on an A3 size sheet to present your ideas.

Instructions for students:

1. Attempt both parts (Part A &B)

2. Students should do case study in project file for the case study and A3 size sheet for the collage.

3. The case study should not exceed 4pages.

I Make a project on:-

- Development in Agriculture and Industries in India since 1947. (Roll No :-1-8)

- "Pollution in the river Yamuna." Highlight the causes; effects and Remedies (Roll No; 9-20)

INSTRUCTIONS:

- The total length of the project should be 10pages.
- The project report should be handwritten by the student and credit will be awarded to original drawings.
- The project should be made in project file.
- The project should be developed in the following sequence.
- Cover page showing project title, student information, school and year.
- List of contents/index. (with page numbers)
- Acknowledgement
- Introduction

- Content
- Bibliography

II Conduct a survey on "Water Resource" in your locality. Collect the information based on the points given below. This should be asked from about 10 households.

1. What is the source of water supply?

2. How much water is supplied in a day? (these may be asked to the staff of the nearest pumping station of the local municipality or other local body)

3. How many litres of water are used per family?

4. What does each family do to save water?

5. What are the ways in which water can be saved? Give your own suggestions to reduce the consumption of water.

Analyse the data collected and prepare a report in detail.

INSTRUCTIONS:

1. The total length of the project should be 6-8pages.

2. The project report should be handwritten by the student

3. The project should be made in project file.

4. The project report should be developed in the following sequence.

- List of contents/index. (with page numbers)

- Acknowledgement

- Introduction

- Content /report

- Conclusions (summary and suggestions or findings, future scope of study)

- All the maps, photographs and sketches should be labelled and related to the theme.

III In the respective notebook complete the given question bank.

IV Learn Periodic-1 syllabus for Periodic- 1 Exam.

French

1. Create a magazine with thematic vocabulary. It should be creative and presentable. (Draw or paste pictures also). Give the name to your magazine (the name should be in French). Create a nice cover page for your magazine. Page of contents have to b written. The magazine should have the following themes:

a. La famille
b. Le corps humain
c. Les vêtements
d. L'école
e. En ville
f. Les moyens de transport
g. La technologie
h. Les loisirs
i. Le sport
j. Les fêtes français

2. Create activities also based on every theme (Note: consult dictionary and internet. The magazine should be presentable and creative.)

3. Each student has to prepare a model on different French topics like wines, cheese, monuments, etc. It can be of clay, wood, plastic, toothpicks etc. The model should be creative, innovative and solid.

4. Learn and write 2 poems in French from Internet. (in your notebook)

5. Revise all the work done in class.

COMPUTER

➢ Write about the different cables used in networking with their photos.
➢ Write about 10 safety points that user should follow on network.
➢ Make a beautiful chart on -
Network Architecture
>> Roll no. (Client - Server)
>> Roll no. (Peer-to- Peer)
Network Layout
>> Roll no. (BUS and STAR)
>> Roll no. (RING and MESH)

ART
1. Make a Table Mat with the help of pastel sheet (A3 Size). Decorate it beautifully.