HOLIDAY HOMEWORK 2019-20
CLASS IX

ENGLISH

Ques 1. Make a comic strip of the lesson– Adventures of Toto in your literature notebooks.

Ques 2. Read anyone of the following books and write the review in about 150–200 words mentioning the characters, plot and analysis.

1. Grandfather's Private Zoo– Ruskin Bond
2. Jungle Book– Rudyard Kipling

OR

Write the Biography of any one of the following in notebooks: -

– Ustad Bismillah Khan
– Evelyn Glennie

(Also draw the related musical instruments mentioned in the text– The Sound of Music)

Q1 and 2 will be marked for the Internal Assessment as per C.B.S.E guidelines.

Ques3. Complete the assignments of April and May month in the grammar notebooks.

HINDI

1- पुस्तक समीक्षा हेतु संपूर्ण कहानियों का पठन-पाठन कीजिए ।

2- अप्रैल-मई की कार्यपत्रिका व्याकरण-पुस्तिका में पूर्ण कीजिए ।

3- राष्ट्रीय महिला सुरक्षा दिवस हेतु पुस्तक-आवरण तैयार कीजिए ।

4- आगामी जुलाई परीक्षा हेतु पठन-पाठन कीजिए ।

SANSKRIT

क. मई मास की कार्यपत्रिका के उत्तर कक्षा-कार्य पुस्तिका में लिखें व याद करें ।

ख. शब्द रूप - बालक, लता, मुनि, साधु, अस्मद्, युष्मद्, तत्, इदम् (तीनों लिंग)

ग. धातु रूप - परस्मैपदी - अस्, कृ, गम्, दृश् (पाँचों लकार); आत्मनेपदी- सेव्, लभ्, रुच् (लट्, लृट्) सभी कार्य कक्षा-कार्य पुस्तिका में लिखें व याद करें ।

घ. प्रथम चक्रीय परीक्षा की तैयारी करें ।

FRENCH

- Préparez une brochure touristique de Paris avec les photos et les descriptions.
- Décrivez que ferez vous pendant vos vacances prochaines en utilisant le futur simple dans votre cahier (au moins de 100 mots).

MATHEMATICS (ART INTEGRATED ACTIVITIES)

- The following subject enrichment activities are to be done in Maths Lab manual.
  i)   To make a square root spiral till $\sqrt{10}$
  ii)   Verification of the identity $(a + b + c)^2$
- Questions from assignment booklet are to be solved in the Maths register

Topics: 1. Number system 2. Polynomials 3. Euclid's Geometry 4. Lines and angles 5. Co-Ordinate Geometry.

SCIENCE

PHYSICS

1. Plan to visit a place by your vehicle. Note the readings on the odometer and speedometer after every five minutes till you reach your destination. Record these observations in tabular form. Plot the
(i) Distance – time graph   (ii) Speed – time graph using the data recorded.
State whether this motion is uniform or non-uniform.
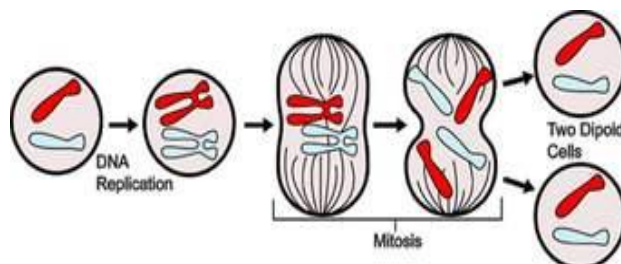2. Complete the assignments in the notebook.

CHEMISTRY

1. Hands is Mind's on-Think and prepare two sample of true solution and two of colloidal solution from your kitchen which can help you to study,understand and tabulate the distinguishable properties of each of them in your register.
2. All assignments questions of the concerned topics are to be completed in register.
3. All questions from your textbook have to be completed in your registers.

BIOLOGY

1. Study cell division in normal cells(Odd roll number) and reproductive cells(Even roll number) using Google and you tube and prepare a power point presentation of minimum eight slides and mail it on umesh.verma@nd.balbharati.org writing in subject your name and roll number.
   The best PPT will find place in smart class for showcasing to all sections of class IX and will be awarded full marks in Internal Assessment.
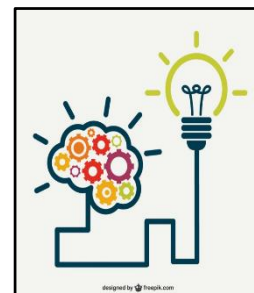
2. In order to empower students and enable them to become future technology creators and innovators by developing indigenous solutions to the local problems they see around them, students are given an opportunity to put on their thinking caps, suggest ideas/solutions and reskill them.

Students should submit their idea/content in form of a write up (500 words) sharing proposed solution in any of the 07 core theme areas– Health & Wellness, Environment, Infrastructure, Women Safety, Disability, Travel & Digital Literacy and Social Welfare on 2nd July to their respective Science teacher.
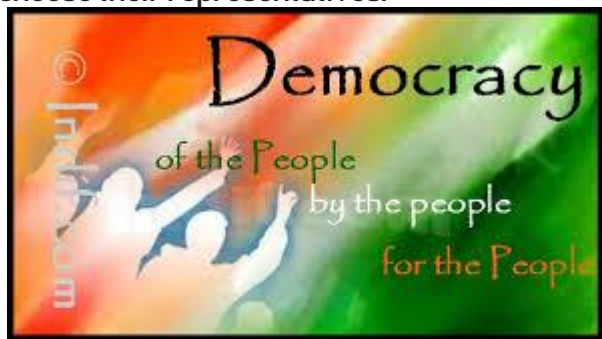
Follow these steps–

- Identify a problem in your local area pertaining to given core themes.
- Suggest a solution to the problem identified.
- Write a brief account of the problem and the possible solution.

Selected students will be further guided by the mentors from NITI Aayog and make their prototypes in the month of July during Atal Tinkering Fest.

SOCIAL SCIENCE

- India is the largest democracy in the world.it was declared secular and democratic when its constitution came into force on January 26, 1950. The democratic India believes in the principles of equality, liberty, justice and fraternity. The people from any caste, creed, gender, religion and region have an equal right to vote and choose their representatives.

ACTIVITY: – Make a file of 6–7 pages on Lok Sabha elections 2019 depicting the following–
- Symbols of different political parties.
- Manifesto declared by political parties before the elections.
- Policies and programmes initiated by parties.

The file should be creative and handwritten. Paste pictures, attach a graph and map showing the results of Lok Sabha elections on it.

The file work will be assessed as Subject Enrichment activity in Preterm Examination.

GEOGRAPHY

1) Complete the map work from chapter 1 and chapter 2 and paste it in the class work copy.

2) Complete assignment work of April and May.

DISASTER MANAGEMENT

Prepare a project on any one of the following topics a) Cyclone b) Air pollution c) Flood d) Tsunami or any other.

Guidelines for preparing the project:

1. The project must be hand written and not more than 10 pages (includes both sides of the paper used).

2. Relevant material, pictures, newspaper clippings or any other material related to the topic may be used.

3. The project must have – At the beginning i) A cover page ii) An acknowledgement iii) Table of contents / index At the end Bibliography which includes a mention of the sources from where reference material has been obtained.

4. The project must contain – i) An introduction to the topic ii) Causes and consequences iii) Contingency plans and prevention iv) Rehabilitation.

5. Students should make the PPT on disaster management also.

6. Marks will be allotted for – i) Relevance of matter ii) Aesthetics and presentation iii) Timely submission. Selected PPT and project files will be sent to CBSE.

ARTIFICIAL INTELLIGENCE

Activity:

Read the information given in the handbook for students on cyber safety by the Ministry of Home Affairs, Govt. of India using the link :

https://mha.gov.in/sites/default/files/CyberSafety_English_Web_03122018.pdf

Design a board game on half chart paper, based on the classic Snakes and Ladder game. The only difference will be that here in this game, the player gets to climb the stairs when they take a safe step in the cyber space and they get bitten by the snake when they make a mistake that may make them cyber crime victims. You may take any of the following topics: Cyber Bullying, Social Media or Online Transactions.

Set your rules for the game, roll the dice and play with your family and friends before submitting your homework after Summer Vacations.

Learning Outcomes:

- Students will learn more about Cyber Crimes and the ways they can stay safe.
- Students will try to design a game and frame rules for the game that will spur critical thinking.
- Enhance their problem solving skills.