

**ARWACHIN BHARTI BHAWAN SR.
SEC. SCHOOL, VIVEK VIHAR,
DELHI**

SUMMER VACATION HOME WORK

SESSION 2020-21

CLASS – IX

ENGLISH

- ❖ Modern life has paved the way to a mechanical and a dependent life on Gadgets. They play a significant role in day-to-day life of every human being, thus occupying major part of their houses. Write an **article** in about 150-200 words on "Useful aspects of Gadgets and their service to mankind".
- ❖ Write a Descriptive paragraph on **Three Warriors** of Covid-19.
- ❖ Write a **story** in about 150-200 words beginning with the following line and give it a suitable title.
I was walking alone near the sea beach when suddenly I heard screaming from the pine bushes.....
- ❖ Practice **Integrated Grammar**- Editing & Gap-Filling from any reference book. (5 each)
- ❖ Read chapter-4, 5 & 6 from your book **Moments** and underline difficult words & write their meanings.
- ❖ Make Puzzles/crosswords (5 puzzles) based on the lead characters, authors and poets of the stories which you have read till now.

हिंदी

- ❖ " कोरोना वायरस और पोलियो "के बीच 50-60 शब्दों में सम्वाद लिखो।
- ❖ "20 विलोम शब्द,,20 पर्यायवाची शब्द,,और 20 श्रुतिसम भिन्नार्थक शब्द" कॉपी में करो।
- ❖ "कोरोना एक महामारी" और "इंटरनेट" विषय पर 100-150 शब्दों में अनुच्छेद लिखो।
- ❖ अभी तक करवाये गए सभी पाठ याद करो और कठिन शब्दों का अभ्यास करो।
- ❖ A4 size शीट पर कोरोना पर आधारित कोलॉज बनाओ।
- ❖ A3 size शीट पर आकर्षक ढंग से नारा लिखो(slogan writing) पर्यावरण से सम्बंधित (कोई दो)

**** (नोट---प्रश्न 1,2,3,,fair कॉपी में करना है।)**

MATHEMATICS

- Do the following activities in Activity file or A4 size ruled sheets: -
 - ❖ To represent geometrically an algebraic expressions of the type $ax^2 + bx + c$ using strips, grids and squares.
 - ❖ To verify algebraic identity $(a + b)^2 = a^2 + 2ab + b^2$ geometrically by using set of unit cubes.
 - ❖ To verify algebraic identity $(a + b)^3 = a^3 + 3a^2b + 3ab^2 + b^3$ using unit cubes.
 - ❖ To verify experimentally that if two lines intersect, then
 - The vertically opposite angles are equal
 - The sum of two adjacent angles is 180°
 - The sum of all the four angles is 360°
 - ❖ To verify that a triangle is possible only if the sum of any two sides is greater than the third side.
 - ❖ To verify the exterior angle property of a triangle by paper cutting and pasting.
- Practice 50 questions of 2 marks each, 50 questions of 3 marks each and 50 questions of 4 marks each from the chapters done till now in a separate notebook.
- Revise the assignments done of each chapter.

SCIENCE

- ❖ Revise and learn Ch- 1, 2, 5 and 8.
- ❖ Write experiments based on biology and chemistry in practical file.
- ❖ Assignments based on above mentioned chapters will be shared with students on the WhatsApp group of their classes from time to time by teachers.
- ❖ Practice diagrams of plant cell, animal cell and prokaryotic cell.

SOCIAL SCIENCE

- ❖ Project work on disaster management-details are mentioned below as per the CBSE guidelines.
- ❖ Revision assignment-revise the syllabus done so far and also the chapters to be covered in future solve the assignments given in separate sheets.
- ❖ Project work guidelines
 - Topic-the students have liberty to select any of the following natural disasters:
 - Draught
 - Flood

- Famine
- Earthquake
- Cyclone
- Tsunami
- Pandemic

➤ **Content-content must include**

- Cover page (pg. no.1)
 - (a) Mentioning 'project on _____',
 - (b) Student details i.e. name, class, section, admission no., Subject, schools name, session.
- Acknowledgement (pg. no.2) acknowledge the people who helped you in completing the project.
- Index (pg. no. 3) mention serial no., Topic, page no., Teacher signature column.
- Introduction (pg. no. 4-7)-
 - (a) meaning of disaster
 - (b) types of disaster
 - (c) mechanism working in India to deal with disasters (regulatory authority, laws, committees, emergency numbers etc.)
- Details of the topic selected (pg no. 8-12)
 - (a) Meaning of definition
 - (b) Its types (if any)
 - (c) Causes
 - (d) Effects
 - (e) Mitigation strategy
- Case study-based on topic selected-it could be an example from India or any other country. (Pg. no. 13-18)
 - (a) Name of disaster
 - (b) Timeline (when)
 - (c) Where
 - (d) How
 - (e) Its effect on human and environment
 - (f) The preparedness before if any
 - (g) Strategy to normalise life after the event by government and community.
- Conclusion (pg. no. 19) the student must reflect his/her analysis and interpretation regarding the project and lessons learnt during the making of project along with suggestions if any
- Bibliography (pg. no. 20) include the sources from where the data has been collected

➤ **Guidelines:**

- Project must be handwritten with approx. length of 20 pages.
- Use A4 size sheets (coloured or any other)
- Highlight headings and subheadings with sketch pens.

- Mind maps, flowcharts, tables can be used to represent data
- Work should be neat and tidy and well organised and well presented
- Compile sheets in a folder preferably made out of waste material on the cover right social science project along with the name, class, section and admission number.
- Make project unique and creative using your own artistic ways.

ART EDUCATION

- ❖ Prepare the art file, complete the previous five topics.
- ❖ Make a beautiful poster on international day of yoga in your file.

SPORTS

- ❖ Kindly go through the pdf given to you.
- ❖ Go through the you tube video links provided to you.
- ❖ You need to prepare a file on either of the one topic:
 - Volleyball
 - Yoga

Both the topics have been taught to you and you have the videos for the same.

- ❖ File should contain at least 10 pages including index, explanation & photographs of the topic chosen by you from the above two.
- ❖ You also need to prepare a video in school dress of the yoga exercises taught to you.

HAPPY SUMMER VACATION!!

ENJOY!

&

STAY AT HOME, STAY SAFE, STAY HEALTHY