



ANAND PREP/PUBLIC SCHOOL

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Holiday Assignment

Class – IX

Instructions for the Holiday Assignment

Helping your child with his homework doesn't mean doing it for him!

- Use Holiday Homework as an opportunity to spend quality time together. Let your child take the lead and use his/her imagination, creativity and knowledge to do the assigned task. The role of the parent is to be a facilitator and guide to steer the child in the right direction. He/ She will find his own destination. Original work of students will receive greater recognition and appreciation.
- **Improve Your Writing**
Write one page English and one page Hindi handwriting every alternate day. We would love to see your writing practice notebook after summer vacations. You may copy from any book or write a passage on your own.
- **Develop Reading Habit**
Reading is a very good habit that one needs to develop in life. Once you start reading, you experience a whole new world .Reading develops language skills and vocabulary. Reading books is also a way to relax and reduce stress. So I would like to tell all the students that read English and Hindi story books , newspaper etc. You can also download E -books .
 - **Note:** - Holiday assignments carry extra marks in assessment (Subject enrichment). You have to maintain proper school notebooks for all the work done. Follow the guidelines given by teachers to complete specific activities. Submission of work post vacation is compulsory for all students.
 - **Read and revise all subjects covered till date for Periodic Assessment –I.**

We wish you all the best for your vacation. Have fun and enjoy it. I hope you enjoy every moment of your vacation.

Take care of yourself.

Science

Biology	
1.	1. Cell is a building a unit of an organism justify your answer.
2.	2. Draw a neat label diagram of an animal and plant cell.
3.	3. Differentiate between
	a) mitochondria and chloroplast
	b) Chloroplast and chromoplast
	c) Chromoplast and lucoplast
	d) Smooth endo plasmic reticulum and rough endoplasmic reticulum
	e) Cell wall and plasma membrane
	f) Diffusion and osmosis
	g) Animal cell and plant cell
	h) Prokaryotic cell and Eukaryotic cell
	i) Nucleus and nucleolus
	j) Endocytosis and phagocytosis
	k) Organs and organelles
4.	Draw a well labelled diagram of microscope.
5.	Write down about the discovery of cell.
Physics	
1.	Any 30 numerical questions based an speed velocity, acceleration and equation of motion.
2.	Explain the types of motion.
3.	Prove, equation of motion graphically.
Chemistry	
1.	Write short notes (100-150 words) on plasma & BEC state.
2.	Write all activity mention in NCERT book . (chapter-1)
3.	Write name & chemical formula of any 50 chemical compound.

Hindi

	1. एक पतला कॉपी खरीदना है । 2. एक चार्ट पेपर खरीदना है । 3. सुंदर और शुद्ध लिखना है ।
1.	पाठ – 1 दो बोलों की कथा पाठ को अच्छे से पढ़कर 25 बहुवैकल्पिक प्रश्नों का निर्माण करें । सभी प्रश्नों के चार विकल्प लिखना है और सही उत्तर (V) का निशान लगाना है ।
2.	वृत्तिका – पाठ – 1 इस जल प्रलय में पाठ को अच्छे से पढ़कर 25 बहुवैकल्पिक प्रश्नों का निर्माण करें । सभी प्रश्नों के चार विकल्प लिखना है और सही उत्तर (V) का निशान लगाना है ।
3.	हिंदी उपसर्ग संस्कृत के उपसर्ग तथा उर्दू के सभी उपसर्ग से दो-दो नये शब्द बनाकर लिखना है ।
4.	'धरती पर वन : जरूरी या गैरजरूरी' – चार्ट पेपर पर सुंदर ओर शुद्ध रूप से 100 से 120 शब्दों में चित्र के माध्यम से लिखना है और उसमें रंग भरना है ।

Mathematics

1.	Do chapter -1 (Ex-1.1 to 1.7) from NCERT number system.
2.	Do chapter – 2 ‘Polynomials’ (Ex – 2.1 to 2.7) from NCERT
3.	Write the life history of contribution of Pythagoras in the field of Mathematics. (200-250) words.

English

	Reading skills.
1.	Read the chapter 1 to 2 from ‘moments’ supplementary reader and write the answers for the questions followed by in the class work copy.
2.	Read the newspaper daily and write only one news article under the given headings like National, International, sports, Glamour, Business and express your vies on it.
	Writing skills
3.	Computers are a storehouse of knowledge and wisdom and they are hazardous too. Write an article on the topic ‘The benefits and harms of computers’. Word limit is 180-200 words.
4.	Write a letter to the chairman, water authority in upto 120 to 150 words, on the problems related to scarcity to water, also suggest a few effective remedies.
	Thinking skill
5.	Write a self composed poetry on the given topics with minimum 4 stanzas. (a) Music (b) I am blessed (c) My school my pride dictionary task.
6.	From the base form of the verb from adjectives, adverb, nouns whenever possible by selecting minimum 30 words from the dictionary.

SST

	Economics
	Make a survey in your locality and find out all economic & non-economic activity.
	History
	Page no- 24, Activity no -2
	Political Science
	Write Preamble of Indian constitution & explain its meaning (page no 29)
	Geography
	Draw a map of India and located its extent & standard meridian.

Sanskrit

1.	पाठ – प्रथम, द्वितीय, तृतीय का अभ्यास कार्य लिखे एवं याद करें ।
2.	व्याकरण – वर्ण प्रकरण, शब्दरूप (मातृ, पितृ बालक, लता) लिखे एवं याद करें।
3.	परियोजना कार्य – दयानंद सरस्वती के बारे मे संस्कृत में लिखे।