

Autumn break (3 Oct 2022 – 12 Oct 2022) Home Work

Class – 6

Subject	Home work
English	<ol style="list-style-type: none">1. Read chapters of Term2. Underline difficult words. Refer to dictionary, write meanings in notebook.3. Learn and write three forms of Verb (25 Regular Verbs and 25 Irregular Verbs)
Hindi	<ol style="list-style-type: none">1. झांसी की रानी कविता का सार कहानी के रूप में लिखें।2. प्रतिदिन कोई एक समाचार पढ़ें या सुने और उस समाचार की महत्वपूर्ण बातों को अपनी पुस्तिका में लिखें।3. हिंदू कैलेंडर के आधार पर महीनों के नाम याद करें और लिखें।4. अभी तक पढ़े गए पाठों में से अपने मनपसंद पात्र का नाम लिखें और बताएं कि आपको उनके कौन से गुणों ने प्रभावित किया।5. पेड़ और टहनी के बीच हुई बातचीत का संवाद लिखिए।6. स्वच्छता अभियान से संबंधित पांच सूक्तियां या नारे लिखें।7. कुछ ऐसे लोगों की सूची बनाइए और चित्र सहित जानकारी लिखें, जो शारीरिक रूप से स्वस्थ ना होते हुए भी अपने अपने क्षेत्र में प्रसिद्ध हुए।
Math	<ol style="list-style-type: none">1. Prepare a Peer Learning Module (Chart/Model) to explain any concept of your choice.2. Practice 3 questions of the given Question Bank everyday in your Notebook (Class Note book)3. Prepare and compare the Minimum and Minimum temperature of your city by using Number line
Science	<ol style="list-style-type: none">1. Read chapters The living organisms and their surroundings and Motion and measurement2. Make a chart of animals living in terrestrial and aquatic animals. Paste pictures of animals3. Do the worksheet given in a separate notebook4. Make a multi disciplinary project on air pollution and its effects in Panchkula
Social Sci.	<ol style="list-style-type: none">1. Write a note on Budha.(Life and teachings).2. Complete your note books in all respects.3. Make a stencil of map of India from used X-Ray Photograph.4. Learn the chapter ,Ashoka - a big kingdom.5. Show some places on map of India where Ashoka pillars had been found.

Class – 7

Subject	Home work
English	<ol style="list-style-type: none"> 1. Read chapters Expert Detective and Invention of Vita Wonk it Underline difficult words. Refer to dictionary for their meanings. 2. Create Comic Strips of Expert Detective. 3. Learn and write three forms of Verb (25 Regular Verbs and 25 Irregular Verbs)
Hindi	<ol style="list-style-type: none"> 1. रहीम जी के कोई पांच दोहे लिखे (पुस्तक में लिखें दोहों के अतिरिक्त) और आपको जो शिक्षा मिली, संक्षेप में लिखें। 2. प्रतिदिन कोई एक समाचार पढ़ें या सुने और उस में आए महत्वपूर्ण तथ्यों को अपनी पुस्तिका में लिखें। 3. हिंदू कैलेंडर के आधार पर महीनों के नाम याद करें और लिखें। 4. अभी तक पढ़े गए पाठों में से अपने मनपसंद पात्र का नाम लिखें और बताएं कि आपको उनके कौन से गुणों ने प्रभावित किया। 5. किन्हीं 10 राज्यों के प्रमुख व्यंजनों की सूची बनाइए और चित्र सहित इन व्यंजनों की संक्षेप में जानकारी लिखें। 6. वन संरक्षण के उपाय बताते हुए पांच सूक्तियां या नारे लिखें। 7. एक तिनका कविता के आधार पर एक घमंडी और एक समझदार व्यक्ति के बीच संवाद लिखिए।
Math	<ol style="list-style-type: none"> 1. Make working model of maths on any topic 2. Revise topic HCF, LCM, Integers in your notebook 3. Make bar graph of your marks obtained in half yearly
Science	<ol style="list-style-type: none"> 1. Make a working model based on the theme and subtheme as shared in the whats app group. 2. The details of the project are to be written as (Theme, Subtheme, Brief historical background of the topic, Problem selected, Solution proposed, Material required, Expected cost, Benefit of the solution). 3. Read the chapter 11. 4. Activity: To be done in HW copy <ol style="list-style-type: none"> a. Activities: Locate your pulse and calculate the pulse rate. b. Calculate pulse rate in sitting position and after 10 sit ups or 50 metre race. c. Grow potato plants from the potatoes in your kitchen. Record the days taken to grow it and find which part of potato actually grows into plant.

Social Sci.

1. Make your own atlas (do all maps from your book :- geography and history for practice

Note : Photocopy or printed copy is not allowed

2. Learn quesyon answers of all the lessons.

Class – 8

Subject	Home work
English	<ol style="list-style-type: none">1. Read chapters PRINCESS SEPTEMBER and JALEBIS. Underline difficult words. Refer to dictionary for their meanings.2. Create Comic Strips of PRINCESS SEPTEMBER.3. Learn three forms of Verb (25 Regular Verbs and 25 Irregular Verbs)
Hindi	<ol style="list-style-type: none">1. कबीर जी के कोई पांच दोहे लिखे और आपने अपने जीवन में उनकी शिक्षाओं को कैसे अपनाया है, संक्षेप में लिखें ।2. प्रतिदिन कोई एक समाचार पढ़ें या सुने और उस में आए महत्वपूर्ण तथ्यों को अपनी पुस्तिका में लिखें।3. हिंदू कैलेंडर के आधार पर महीनों के नाम याद करें और लिखें।4. अभी तक पढ़े गए पाठों में से अपने मनपसंद पात्र का नाम लिखें और बताएं कि आपको उनके कौन से गुणों ने प्रभावित किया ।5. आप अपने घर में उपलब्ध पुरानी वस्तुओं की सूची बनाइए और उनके इतिहास के बारे में संक्षेप में लिखिए।6. जल संरक्षण के उपाय बताते हुए पांच सूक्तियां या नारे लिखें।7. सूरदास के पद कविता के आधार पर माता यशोदा और श्री कृष्ण के बीच हुई बातचीत का संवाद लिखिए।
Math	<ol style="list-style-type: none">1. Prepare a Peer Learning Module (Audio/Video/Model) to explain any concept of your choice (total value of project should not exceed 100 rupees)2. Practice 3 questions of the given Question Bank everyday in your Notebook (Class Note book)3. Prepare and compare the Minimum and Maximum temperature of your city by using bar graph.
Science	<ol style="list-style-type: none">1. Read chapter sound and chemical effects of electric current and write down keywords and main points of this chapter2. complete your MDP for both the term term 1 and term 23. Make a chart on various asexual reproduction of animals4. Make a model of electric circuit
Social Sci.	<ol style="list-style-type: none">1. Make your own atlas (do all maps from your book :- geography and history for practice Note : photocopy or printed copy is not allowed2. Learn ques ans of all the lessons.

Class – 9

Subject	Home work
English	<ol style="list-style-type: none">1. Read Chapters of term 2. Write the glossary after consulting dictionary.2. Read Chapter My Childhood and write it's value points.3. Solve mixed tenses exercises.
Hindi	<ol style="list-style-type: none">1. कैदी और कोकिला पाठ के आधार पर कवि और कोकिला के बीच की बातचीत का संवाद लिखिए।2. प्रेमचंद जी की कोई एक कहानी पढ़ कर अपने शब्दों में लिखिए ।3. हिंदू कैलेंडर के आधार पर महीनों के नाम याद करें और लिखें।4. अभी तक पढ़े गए पाठों में से अपने मनपसंद पात्र का नाम लिखें और उसके चरित्र की प्रमुख विशेषताएं लिखें।5. स्वतंत्रता संग्राम में जिन महिलाओं ने अपना सक्रिय योगदान दिया उनके बारे में जानकारी प्राप्त करते हुए एक प्रोजेक्ट तैयार कीजिए।6. भारत के विभिन्न क्षेत्रों में पाई जाने वाली विभिन्न प्रकार की फसलों की जानकारी प्राप्त करते हुए संक्षेप लिखिए।(चित्र सहित विवरण)7. भारत के प्रमुख पर्यटन स्थलों की ऐतिहासिक जानकारी चित्र सहित जानकारी एकत्र कीजिए।
Math	<ol style="list-style-type: none">1. Prepare a Peer Learning Module (Audio/Video/Model) to explain any concept of your choice2. Practice 5 questions of the given Question Bank everyday in your Notebook (Class Note book)3. Prepare and analyse the career field of your choice and chalk out a plan from your current academic level.
Science	<ol style="list-style-type: none">1. Read the chapter gravitation and work and energy and write down their main points.2. Prepare multi assessment project on structure of atom with the example of silicon and chlorine3. Complete portfolio for both the term 1 and term 24. Complete all the practicals.
Social Sci.	<ol style="list-style-type: none">1. Make your own atlas (do all maps from your book :- geography and history for practice Note : photocopy or printed copy is not allowed2. Learn ques ans of all the lessons.

Class – 10

Subject	Home work
English	<ol style="list-style-type: none">1.Solve Latest sample paper issued by CBSE.2.Read Chapter Making of the scientist and write it's value points.3.Solve mixed tenses exercises.
Hindi	<ol style="list-style-type: none">1. दशहरे की शुभकामना देते हुए अपने मित्र को शुभकामना संदेश लिखें।2. स्वच्छता अभियान की जागरूकता बताते हुए एक विज्ञापन तैयार कीजिए।3. हिंदू कैलेंडर के आधार पर महीनों के नाम याद करें और लिखें।4. अभी तक पढ़े गए पाठों में से अपने मनपसंद पात्र का नाम लिखें और उसके चरित्र की प्रमुख विशेषताएं लिखें।5. स्वतंत्रता संग्राम में जिन महिलाओं ने अपना सक्रिय योगदान दिया उनके बारे में जानकारी प्राप्त करते हुए एक प्रोजेक्ट तैयार कीजिए।6. भारत के विभिन्न क्षेत्रों में पाई जाने वाली विभिन्न प्रकार की मिट्टियों की जानकारी प्राप्त करते हुए लिखिए की उनमें कौन-कौन सी फसलें उगाई जाती है।(चित्र सहित विवरण)7.सिक्किम की भौगोलिक स्थिति,वहां के पर्यटन स्थल, प्रमुख नदियों व ऐतिहासिक स्थलों के चित्र सहित जानकारी एकत्र कीजिए।

Math

1. Make maths working model on any topic
2. Revise chapter 7,8,9 for monthly test after vacations
3. Solve following questions in your notebook
 - Q1. The angle of elevation of a cloud from a point h metres above the surface of a lake is θ and the angle of depression of its reflection in the lake is ϕ . Prove that the height of the cloud above the lake is $h[(\tan \phi + \tan \theta) / (\tan \phi - \tan \theta)]$
 - Q2. The angles of depression of the top and the bottom of an 8 m tall building from the top of a multi-storeyed building are 30° and 45° , respectively. Find the height of the multi-storeyed building and the distance between the two buildings. [Answer: $4(3 + \sqrt{3})$]
 - Q3. The angle of elevation of the top of a hill at the foot of a tower is 60° and the angle of elevation of the top of the tower from the foot of the hill is 30° . If the tower is 50 m high, what is the height of the hill? [Answer: 150 m]
 - Q4. The angle of elevation of the top of a tower at a distance of 120 m from a point A on the ground is 45° . If the angle of elevation of the top of a flagstaff fixed at the top of the tower, at A is 60° , then find the height of the flagstaff. [Use $\sqrt{3} = 1.73$]
 - Q5. The angles of depression of the top and bottom of a 50 m high building from the top of a tower are 45° and 60° respectively. Find the height of the tower and the horizontal distance between the tower and the building,
 - Q6. Prove $[\tan \theta / (1 - \cot \theta)] + [\cot \theta / (1 - \tan \theta)] = 1 + \sec \theta \operatorname{cosec} \theta$
 - Q7. Question 11: Prove the identities:
 - (i) $\sqrt{[1 + \sin A / 1 - \sin A]} = \sec A + \tan A$
 - (ii) $(1 + \tan^2 A / 1 + \cot^2 A) = (1 - \tan A / 1 - \cot A)^2 = \tan^2 A$
 - Q8. If $\sin \theta + \cos \theta = \sqrt{3}$, then prove that $\tan \theta + \cot \theta = 1$.
 - Q9. If $\sec \theta + \tan \theta = 7$, then compute the value of $\sec \theta - \tan \theta$
 - Q10. Write the coordinates of a point on the x-axis which is equidistant from points A(-2, 0) and B(6, 0)
 - Q11. Find the distance of a point P(x, y) from the origin.
 - Q12. Find the ratio in which the line $2x + 3y - 5 = 0$ divides the line segment joining the points (8, -9) and (2, 1). Also, find the coordinates of the point of division

Science	<ol style="list-style-type: none">1. Read chapter heredity and evolution and our environment2. Learn questions answers of chapters light and human eye and colorful world.3. Solve numericals in a separate notebook.4. Make portfolio and complete practical file with all practicals done in class5. Write following questions in separate notebook<ol style="list-style-type: none">1) Name all salts, their preparation and their chemical formula2) Write difference between decomposition and displacement reaction.3) Draw diagram of heart and nephron and label its parts4) Explain diseases of eye with the help of diagram5) Make a flowchart of metallurgy of metals.
Social Sci.	<ol style="list-style-type: none">1. Make your own atlas (do all maps from your book :- geography and history for practice Note : photocopy or printed copy is not allowed2. Learn ques ans of all the lessons.3. Read all the lessons.

Class – 11 Science

Subject	Home work
English	1. Poster making on the topics shared in the class. Read cut and Paste advertisements , Display ads , Matrimonials 5 each 2. Write speech on the following topics <ul style="list-style-type: none"> ● Children don't play enough ● Books are always better than the movies ● How to Tackle a Bad Habit 3. Read the lesson "Mother's Day" 4. Write summary of it. https://www.youtube.com/watch?v=pSMDhhmRKYQ (246) RIMT World School 'Mother's Day' English Play during Annual Cultural Fiesta - YouTube
Hindi	परियोजना कार्य = भक्तिकाल की प्रेमाशयी शाखा के प्रतिनिधि कवि सूरदास का परिचय, रचनाएँ, काव्यगत विशेषताएँ!
Math	1. Make Working models of math in groups as per students' capabilities. Topics: (i) Functions (ii) Transformation (iii) Range (torch method) 2. 4 activities as per syllabus of CBSE. 3. Permutations and combinations exercise 7.2, 7.3 4. Revise for yearly exams.
Physics	https://drive.google.com/file/d/1toTzykK_hECLOyusDI6_ZRBA6scbWbt6/view?usp=drivesdk Do MCQs and Assertion Reason questions
Chemistry	Read the chapters covered till PT-1 and do book back exercise. Do MCQs and Assertion Reason questions
Biology	All the students are to do the following: 1. Make a working model based on the theme and subtheme as shared in the whats app group. The details of the project are to be written as (Theme, Subtheme, Brief historical background of the topic, Problem selected, Solution proposed, Material required, Expected cost, Benefit of the solution). This is to be submitted on 15th Oct positively by all the students. 2. Tabulate the kingdom Plantae and Animalia based on the criterias as mentioned and discussed in the class. (Table)
Computer	1. Read the Chapter 1 – Computer Organisation 2. Read the laws of Boolean Algebra from Chapter – Boolean Logic

Class – 11 Commerce

Subject	Home work
English	<p>1. Poster making on the topics shared in the class. Read cut and Paste advertisements ,Display ads , Matrimonials 5 each</p> <p>2. Write speech on the following topics</p> <ul style="list-style-type: none">● Children don't play enough● Books are always better than the movies● How to Tackle a Bad Habit <p>3. Read the lesson "Mother's Day"</p> <p>4. Write summary of it.</p> <p>https://www.youtube.com/watch?v=pSMDhhmRKYQ (246) RIMT World School 'Mother's Day' English Play during Annual Cultural Fiesta - YouTube</p>
Hindi	परियोजना कार्य =भक्तिकाल की प्रेमाशयी शाखा के प्रतिनिधि कवि सूरदास का परिचय,रचनाएँ, काव्यगत विशेषताएं!
Math	<p>1. Make Working models of math in groups as per students' capabilities. Topics: (i) Functions (ii) Transformation (iii) Range (torch method)</p> <p>2. 4 activities as per syllabus of CBSE.</p> <p>3. Permutations and combinations exercise 7.2, 7.3</p> <p>4. Revise for yearly exams.</p>
Economics	<p>1. Prepare Project File of assigned Topic.</p> <p>2. Complete your notebooks up to Consumer'equilibrium(Ordinal approach).</p> <p>3. Solve 25 questions of Mean, Median and Mode.</p> <p>4. Revise thoroughly completed syllabus.</p>
Business Stud.	<p>1. Sample paper to be solved MLL to be followed</p> <p>2. Project files to be completed</p> <p>3. Note book should be completed Business studies chapter up to 4</p>
Accounts	<p>Accountancy notebook should be completed up to cashbook (ch 11)</p> <p>Make a project files</p>

Class – 12 Science

Subject	Home work
English	<ol style="list-style-type: none">1. Solve CBSE SQP shared in WhatsApp group2. Prepare Project file on the topic from the list shared in the whatsApp group.
Hindi	<ol style="list-style-type: none">1. पत्रकारिता के विविध आयाम को समझाओगे, परियोजना (project) तैयार करना है2. कहानी तथा नाटक की परिभाषा लिखकर समझाये और पाँच कहानीकार तथा नाटककार के नाम लिखिए
Math	<p>Common work : 7 Activities as per CBSE syllabus. Note book completion.</p> <p>For remedial students(bellow 20s): 1. Revise matrix and determinants, 2. Derivatives Ch-5, Learn formulas of derivatives. 3. Integration Ex-7.1, 7.2, 7.4, 7.5.</p> <p>For students getting (20-30marks): 1. Revise 1-6 chapters at least 8 questions per exercise. 2. Do related questions from 3 Sample papers.</p> <p>For students getting (30-40marks): 1. Revise 1-6 chapters minimum 4 questions from each exercise. 2. Complete Integrals chapter. 3. Do related questions from 5 sample papers.</p>
Physics	<p>https://drive.google.com/file/d/1i1SbFgVHuKlHgduGwZLPIfk2tteWe6Jw/view?usp=drivesdk Learn all Board questions given in link</p>
Chemistry	<ol style="list-style-type: none">1. Solve sample paper issues by CBSE2. Practice monthly test – Sept month2. For High achiever Sample paper issued by CBSE Solve previous year CBSE paper 2017-21
Biology	<ol style="list-style-type: none">1. Complete the practical file as per the syllabus.2. Follow the links shared in the whatsapp group for Google sheet MCQ based on Critical Thinking.3. Solve the MT-3 paper in HW copy.
Computer	<ol style="list-style-type: none">1. Complete Practical Notebook with 15 Python programs as per list provided in the WatsApp group.2. Read Communications and Network Chapter

Class – 12 Commerce

Subject	Home work
English	1. Solve CBSE SQP shared in WhatsApp group 2. Prepare Project file on the topic from the list shared in the whatsApp group.
Hindi	1. पत्रकारिता के विविध आयाम को समझाओगे, परियोजना (project) तैयार करना है 2. कहानी तथा नाटक की परिभाषा लिखकर समझाये और पाँच कहानीकार तथा नाटककार के नाम लिखिए
Math	Common work : 7 Activities as per CBSE syllabus. Note book completion. For remedial students(bellow 20s): 1. Revise matrix and determinants, 2. Derivatives Ch-5, Learn formulas of derivatives. 3. Integration Ex-7.1, 7.2, 7.4, 7.5. For students getting (20-30marks): 1. Revise 1-6 chapters at least 8 questions per exercise. 2. Do related questions from 3 Sample papers. For students getting (30-40marks): 1. Revise 1-6 chapters minimum 4 questions from each exercise. 2. Complete Integrals chapter. 3. Do related questions from 5 sample papers.
Economics	1. Prepare Project File of assigned topic. 2. Complete Assignment of Chapters Rural Development and Employment. 3. Revise Study Material and prepare for coming P.B.1.
Business Stud.	1. Solve sample paper issued by CBSE 2. All Monthly test also 3. Project work as per CBSE guidelines , already discussed in class to be prepared. 4. Learn following topic <ol style="list-style-type: none"> 1. Features, important of all functions of management. 2. Process of the function of management 3. Meaning of marketing mix, branding, labelling ,packaging, factors affecting price determination, promotion mix 4. Function of SEBI ,stock exchange
Accounts	1. Solve sample paper issues by CBSE 2. Practice all monthly test 3. Admission of the partner, Dissolution of firm 4. Project file as per CBSE 5. For High achiever Sample paper issued by CBSE Solve previous year CBSE paper 2013-21 revised the syllabus is to be revised

