BANASTHALI PUBLIC SCHOOL
SUMMER HOLIDAY HOMEWORK, SESSION 2022-23

Circular No. BPS/22-23/15.7   **CLASS - VII**   Dated:09-05-2022

HIKE MOUNTAINS, RUN THROUGH MEADOWS
EXPLORE FORESTS, SWIM IN THE SEA
CLIMB TREES, BREATHE THE WILD AIR
GAZE AT THE STARS, IT IS SUMMER TIME!

Dear Student,

Holidays are the time to unwind and feed your creativity and imagination. It is a great opportunity to relax as well as fruitfully occupy yourself and keep your energies well directed. Now is the time to experience adventurous sports, indulge yourself in various recreational activities, visit your family and friends and rejuvenate yourself.

But it is equally important to temper your relaxed moments with constructive and creative work which your teachers have carefully planned for you through some thought – provoking holiday homework. You may complete them at your ease, but ensure that they are completed timely.
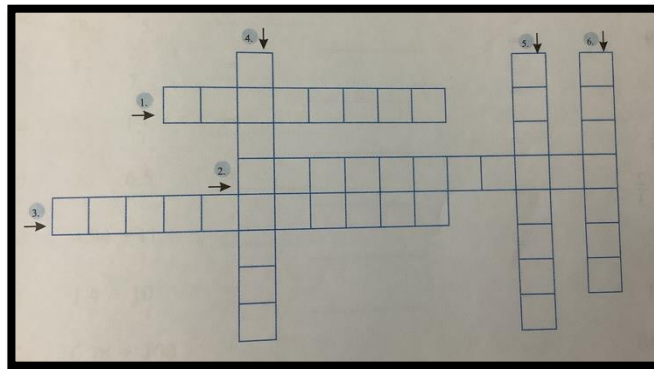
GENERAL INSTRUCTIONS:

1. **Complete the work (C.W./H.W.) of all the subjects taught in the class, in the respective notebook and in Neat and Clean Handwriting, if still pending.**
2. **Holiday Homework will be part of Internal Assessment, so complete the entire work in beautiful and correct manner.**
3. **After summer vacation, students will be required to submit the Summer Holiday Homework Notebook/Scrapbook/Project file/Lab Manuals (which ever applicable) in the school for Internal Assessment.**
4. **Parents kindly make sure your ward completes all the work assigned. Work to be done on regular basis.**
5. **Revise UnitTest-1 syllabus.**
6. **Do project work of all subjects in single Project Notebook provided in the Book set. The following Sequence to be followed for the same: English, Hindi, Mathematics, Science, Social Science, Sanskrit, Music, M.Sci. Art & Craft and Computer.**

HAPPY HOLIDAYS

STAY SAFE, STAY HEALTHY!!

Subject Names	Details
English	1. Read 'The Diary of a Young Girl' by Anne Frank. 2. Design a poster on 'Yoga Day'. Mention any five benefits of yoga. 3. Write a paragraph about 'Global Warming' in about (100-150) words. 4. Watch 'The Lion King' movie and write (5-10) lines about your favourite character from the movie. 5. Read chapter 1&2 of your textbook Focus and learn question answers from your notebook. 6. Revise grammar exercises of chapter 1, 2 and 3 from your grammar book.
Hindi	1. हिन्दी वसंत पुस्तक में से 50 शब्दों का श्रुतलेख अपने अभिभावक की सहायता से कीजिए। 2. दस पेज का सुलेख कीजिए। 3. स्कूल मैगज़ीन के लिए स्वरचित कविता एवं किसी रूचिकर विषय पर अनुच्छेद रूप में अपने विचार प्रकट कीजिए। 4. दिल्ली में यमुना नदी की आज की स्थिति पर सचित्र अनुच्छेद लिखिए। (परियोजनाकार्य) 5. पर्यायवाची (1-36) ,विलोमशब्द (1-50) अनेकार्थकशब्द (1-17) अनेक शब्दों के लिए एक शब्द (1-19), मुहावरे (1-40) लोकोक्ति (1-10) लिखिए एवं याद कीजिए। 6. 'योग का जीवन में महत्त्व' इस विषय में एकअनुच्छेद लिखिए। 7. देश भक्ति से संबंधित एक कहानी लिखिए। 8. छात्रावास में रहने वालेअपने छोटे भाई को समय का महत्त्व बताते हुए पत्र लिखिए। 9. इकाई परीक्षा का संपूर्ण पाठ्यक्रम याद कीजिए। (वसंत पाठ-1,2 महाभारत पाठ-1,2. एवं व्याकरण पाठ-1,2) नोट- सम्पूर्ण ग्रीष्मावकाश गृहकार्य कॉपी में कीजिए।

Science	1. Learn all question answers of Ch.– **1,4 and 11** for **Unit Test-1.**
	2. Make a case study on " <u>GANGA ACTION PLAN</u>" (Ch.18, Activity 'B' Pg.No. 195)
	3. **Model Making**: Prepare a model according to the Schedule given:
	  a. Working model of Respiratory system of human body **(Ch. 8, Pg. No. 80)-** **(Roll No.1-13)**
	  b. Working model on "Photosynthesis**" (**Ch.1 Nutrition in Plants)- (Roll No.14-26)
	  c. Working model on "Anemometer" (Ch.19,Pg.No.197)- (Roll No. 27-40)
	4. Answer the following questions:
	  a. Name the end product of photosynthesis?
	  b. Classify the changes involved in the following as physical or chemical changes :-
	    i) Dissolving sugar in water : **ii)** Burning of coal:
	    iii) Digestion of food: **iv)** Beating aluminium to make aluminium foil-
	  c. What is the difference between Acceleration and Deceleration?
	  d. What happens when:
	    (i) Sodium bicarbonate is heated.
	    (ii) Calcium hydroxide is mixed with Carbon dioxide.
	  e. A spaceship travels 36000 km in one hour. Calculate its speed.
	  f. State the condition under which the distance-time graph of an object is a horizontal line parallel to time axis?
	  g. A bus is travelling at speed of 50km/hr. how much distance will it cover in 150 minutes?
	  h. A girl takes 15 minutes to reach her school on cycle .Her school is 3km away from her house. Calculate the speed with which she cycles?
	  i. What are Partial parasites?
	  j . What is the use of speedometer and odometer?

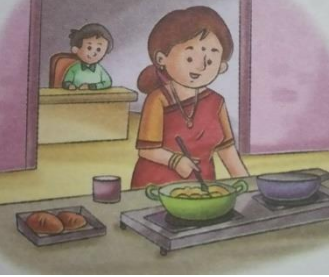| Subject Names	Details

Mathematics	Do as directed :
	 1. Solve the following crossword puzzle.
	
	 ACROSS:
	 a. 1 is the multiplicative ……… for Integers.
	 b. ……….property of addition states that a + (b + c) = (a + b) + c for integers a, b and c.
	 c. ……. property of multiplication states that a × b = b × a for integers a and b.
	 DOWN:
	 d. Sum of two negative integers. **5.** Operation under which integers are closed.
	 e. (-a) is the additive
	 2. Tick(√)the correct option for each of the following:
	     1. Which of the following is not a 3D shape?
	       a) Cube **b)** prism **c)** Sphere **d)** trapezium
	     2. Which of the following is not a way of visualising a solid shape?
	       a) Shadow **b)** cross-section **c)** Case study **d)** top/front /side-view
	     3. Which of the following is not a 3D shape?
	       a) Net **b)** Cross-section **c)** Shadow **d)** front-view
	     4. Placing an object under a light source produces its
	       a) Cross-section **b)** top-view **c)** side-view **d)** front-view
	 3. Using suitable properties, evaluate the following :
	     a. $(-17) \times (-28)$ **c.** $(-41) \times 103$
	     b. $625 \times (-35) + (-625) \times 65$ **d.** $(-57) \times (-19) + 57$
	 4. In a class test containing 20 questions, 2 marks are given for every correct answer and (-1) marks are given for every incorrect answer. Sonam attempts all questions but only 13 of her answers are correct. What is her total score?
	 5. Write a pair of integers whose difference gives:
	     a. a negative integer
	     b. zero
	     c. an integer smaller than both the integers
	     d. an integer greater than only one of the integers
	     e. an integer greater than both the integers.
	
	 Note: SOLVE THE ABOVE ASSIGNMENT QUESTIONS IN H.H.W. NOTEBOOK
	 6. PROJECT WORK :
	 On coloured sheets of paper draw nets of any five 3-D shapes. Cut and paste the same in project file. Label each net with appropriate name of 3-D shape.
	 7. ACTIVITY :
	 Draw a right angled triangle ABC on white sheet, where angle B is 90°. Show that sum of all the angles of triangle ABC is 180° by paper cutting and pasting activity. Do the same in Math Lab Manual.

Social Science	1. Learn Ch.1 (History), Ch.1 (Geography) and Ch.1 (Civics) for **Unit Test – I.** 2. Draw or paste pictures of symbols of Major Political Parties of India in your Civics Notebook. 3. Prepare a model on – "Structure of the Earth". 4. Paste the pictures of any five different type of archaeological sources (like coins, Inscriptions, monuments, sculptures, painting etc.) and write five lines about each one of them in your Project Notebook. 5. Read Chapter-2 of Geography and Civics and do the back exercises given in the book.

Sanskrit	1. पाठ 1-2 समझें एवं याद करें।
	2. अकारांत शब्दरूप 'राम', 'पर्वत' तथा आकारांत शब्दरूप 'रमा' एवं 'लता' लिखे एवं याद करें?
	3. 1- 20 तक की संख्या सचित्र संस्कृत में लिखें और याद करें ।
	4. हस्, वद्, गम् एवं यच्छ् धातु रूप लट्, लृट् एवं लङ् लकार में (तीनों पुरुष और तीनों वचनों में) लिखें एवं याद करें।
	5. निम्नलिखित समय को घड़ी बनाकर दर्शाइए एवं संस्कृत में लिखिए :—
	  क. 1:45 ख. 2:30 ग. 7:15 घ. 10:45 ड़. 11:15 च. 4:30
	6. निम्नलिखित शब्दों के वर्ण विच्छेद करें :—
	  क. पुस्तकालय: ख. त्रिशूल: ग. कक्षा घ. हिमालय: ड़. श्रीमान् च. अध्यापक:
	7. कोई दो सुभाषित श्लोक अर्थसहित लिखें व याद करें।
	8. निम्नलिखित चित्रों को ध्यानपूर्वक देखकर चित्र वर्णन करें(पाँच-पाँच वाक्य संस्कृत में)
	
	क. ख.
	
	मञ्जूषा क :—पाकशाला, माता, बालक:, पचति, भोजनं करोति।
	मञ्जूषा ख :—बालक:, फलकें, पुस्तकानि, विद्युत दीपक;, प्रज्ज्वलति, पठति।
	नोट– संपूर्ण ग्रीष्मावकाश गृह कार्य संस्कृत उत्तर पुस्तिका में करें।

Music	1. Learn Prayer **हमको मन्त्र की शक्ति देना** from your diary. 2. Learn **National Song**. 3. Learn **National Anthem**. 4. Learn **'Banasthali Song'** from your diary.
G.K.	1. Learn Ch.-1 "World of Animals and Plants". 2. Write current affairs related to sports for April 2022 & May 2022 in H.H.W. Notebook.
M.Sci.	1. Learn Ch.-1 "Develop Your Personality". 2. What is Discipline? Is discipline important for us. Justify this statement in 100 words.
Art & Craft	1. Make a abstract art painting on A/3 size sheet. 2. Make a colourful hand of cement in 3D effect. 3. Make a pen stand by any type martial. 4. Make a red colour 3D paper flower (size 8×8).
Gen.Comp.	1. Read Ch.-1, 2 carefully and also write 10 new words from each chapter in computer notebook. 2. Learn and write Let's Back-up points from Ch.-1,2(Pg. No.-13, 21) 3. Draw or paste "Types of Excel Charts" in computer notebook (Refer Ch.-2). 4. To enhance the typing practice, type two pages of "The **quick** brown **fox jumps over the lazy dog**" in Microsoft Word and follow the given instructions. Take the printout and paste it in computer notebook. **Instructions:** Font name: Times New roman, Font size: 12, Line spacing: 1.0 and Use all ten fingers.

BANASTHALI PUBLIC SCHOOL

G-Block, Vikas Puri, New Delhi-110018
SESSION: 2022-23
CLASS: VII
SYLLABUS FOR UNIT TEST – 1

ENGLISH	**ENGLISH READER: Ch. 1:** Coming of Pollyanna **Ch. 2:** The night the roof blew off **P-1:** Olympic Granny **GRAMMAR AND COMPOSITION:** The sentences, Nouns (Grammar), Adjectives and degree of comparison, **WRITING SKILLS:** Letter writing (informal and formal letter), Notice writing
MATHEMATICS	**Ch. 1:** Integers **Ch. 15:** Visualising solid shapes
SCIENCE	**Ch. 1:** Nutrition in Plants **Ch. 4:** Chemical Reaction **Ch. 11:** Time and Motion
SOCIAL SCIENCE	**HISTORY: Ch. 1:** Where, When and How? **GEOGRAPHY: Ch. 1:** Environment in its Totality **CIVICS: Ch. 1:** Democracy and the need for it
HINDI	**पाठ्यपुस्तक: पाठ-1:** हम पंछी उन्मुक्त गगन के, **पाठ-2:** दादी माँ **महाभारत: पाठ-1:** महाभारत कथा, **पाठ-2:** देवव्रत **व्याकरण: पाठ-1:** भाषा, बोली,लिपि तथा व्याकरण, **पाठ-2:** वर्ण विचार **लेखन:** अपठित गद्यांश , पत्र, संवाद
SANSKRIT	**पाठ-1:** वार्तालाप, **पाठ-2:** लङ्लकारः(प्रथमः पुरुषः) **व्याकरण:** अकारान्त शब्दरूप-'बालक', आकारान्त शब्दरूप- 'लता', धातुरूप-'खाद्' (पाँचो लकारों में) संख्या- 1-25 , अपठित गद्यांश