

## HOLIDAY HOMEWORK CLASS –VI

### ENGLISH

Your holiday homework this year is a fun mix of all the aspects of the language. It has been designed to ensure that you enjoy and learn at the same time. Make a folder using A4 size coloured sheets and present it beautifully.

1. Read J. K Rowling's famous book 'Harry Potter and the Philosopher's Stone'.
  - Write a short summary of the story (75 words) and name the main characters.
  - Choose 10 interesting adjectives from the book and find their dictionary meanings.
  - Find one synonym and one antonym for all the 10 words.
  - Make interesting sentences using the 10 words.
  - Present your work creatively.

Remember, you will have an FA based on the story and the incidents between the characters, so ensure that you read the entire text carefully.

2. Make a book cover for the above book. Remember, a book cover has the name of the book, author, illustrator and an illustration. Use a thick A4 size sheet and be as creative as you can.
3. Make a bookmark. Decorate it and write an inspirational quotation by a well know poet or author. Laminate and present it beautifully.
4. Practice your grammar skills throughout the holidays. Use some or all of the following websites:

- <http://www.bbc.co.uk/bitesize/ks2/english/>
- <http://www.learnenglish.britishcouncil.org/en/english-grammar/>
- [http://www.englisch-hilfen.de/en/exercises\\_list/alle\\_grammar.htm](http://www.englisch-hilfen.de/en/exercises_list/alle_grammar.htm)
- [http://www.testdesigner.com/questions/Grammar/Grade\\_6](http://www.testdesigner.com/questions/Grammar/Grade_6)

5. Fun word games

Let's use technology to improve our English. Download the application '4pics1word' on your parent's smart phone and play the game to improve your vocabulary skills.

### MATHS

Do Activity I, II in your worksheet notebook.

#### **ACTIVITY- I**

Find the HCF of the given numbers using the following activity. One example has been done for you.

#### **MATERIALS REQUIRED**

1. 10/10 grid
2. Colour pencils
3. Pair of scissors
4. Fevicol

#### **PROCEDURE**

1. Make copies of the following number grid.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Suppose we have to find the HCF of 24, 28 and 36.

1. Consider the number 24. Its factors are 1,2,3,4,6,8,12 and 24
2. Shade the numbers with yellow colour in one grid.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

3. Now shade the factors of the number 28 in blue colour as shown below in an another grid . They are 1,2,4,7,14 and 28

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

4. Find the factors of the number 36 and shade them in green colour in the third grid. They are 1,2,3,4,6,9,12,18,36.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

5. Find the numbers which are common to all the three grids. They are 1, 2, 4.

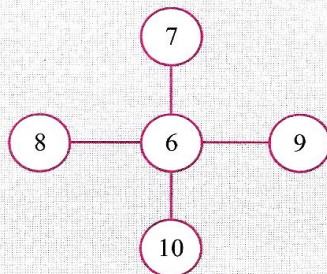
6. Observe that the highest number common to all the three grids is 4. Therefore the HCF of 24, 28 and 36 is 4. Using the above activity, find the HCF of the following numbers:

- a) 12, 45, 75
- b) 18, 54, 81
- c) 18, 24, 34

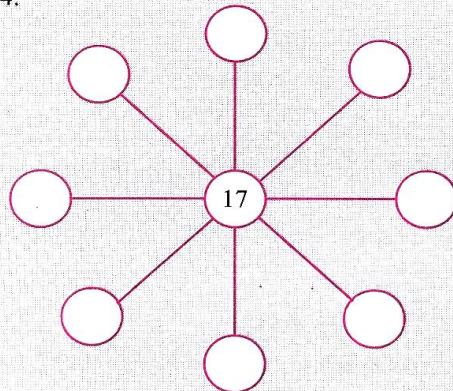
**ACTIVITY II**

**Cross-number Totals**

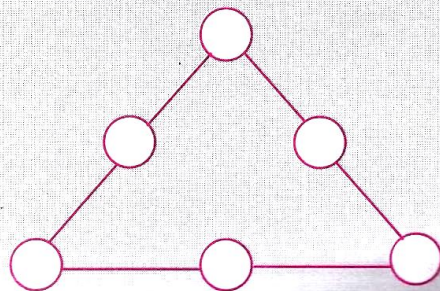
The cross-number puzzle has been filled out using the whole numbers from 6 to 10 exactly once, so that the total along each line is 23.



1. Use the whole numbers from 5 to 12 exactly once in the following outer circles, so each line adds up to 34.



2. In the following triangle of circles:  
Use the whole numbers from 3 to 8 exactly once, so that each line adds up to 15.



III) Practice your mathematical skills by visiting the given webpage and solve questions in the following links: **A.1, A.2, A.3, I.1, I.2, K.1, K.2, K.3, K.4, K.5**

<http://www.ixl.com/math/grade-6>

**IV)** Bring articles, amazing facts, riddles, cross-words, recent discoveries in the field of Mathematics for the school biannual Mathematics newsletter (minimum 2).

## **SOCIAL SCIENCE**

### **GEOGRAPHY**

#### **General Instructions:**

1. The whole class is divided into 6 groups.
2. Each group will make a power point presentation on the topic allotted to them.
3. Guidelines are given, for making the power point.
4. Number of slides should not exceed 10.
5. Colour, Font, Text, Pictures should be appropriately used.
6. Use animations, pictures to make your ppt.
7. Reference: Geography Chapter -1,2 and 3.
8. Email your power point presentation at the school email [skool.saket.del@apj.edu](mailto:skool.saket.del@apj.edu) with the subject- **Social science Holiday Homework for class VI by 'Name of the Student'**

#### **VI -A**

**Group one-** AASTHA SHARMA, AAYUSH ANAND, ADVIT GUPTA, AKASH GARG, ADVIT GUPTA, AMISHI ,AKSHAT NAUDIYAL

Celestial Bodies- stars (focus on sun) planets, constellations, natural satellites(focus on moon) asteroids, meteors, recent meteorite disaster,comets)

**Group Two-** ANANYA BHAIK, ANIKET PANDA, CHAVI GOEL, DASHMEET KAUR BABRA, DEVISHI, DEVANSHI MENON,DHARAM RUCHI GIRDHAR

Solar System- planets; their size, distance from the sun, time of revolution and rotation, availability of water, their natural satellites, and their main features.

**Group Three-** FAWAZ AHMAD, G.P.V.MRUTHUNAL, JASSICA KHLON, KUMAR SHASWAT, NAMAN UPRETI, NAVJYOT BIRDI, NITANSHI GOEL

Earth- interior of the earth with the help of a diagram, rocks found on the earth, (try to collect the pieces of rocks), major continents and oceans, major mountain ranges, major deserts. Use maps to show the mentioned features.

**Group Four-** PRARTHNA ARYA, PRISHA DHATWALIA, RAGHAV, RHEA, RIMA, ROHAN, SAYYAM JAIN

Latitudes and Longitudes- Major latitudes and heat zones of the world, differences between the two, Longitudes and time-how to measure time, local time , standard time, international date line, formation and use of grid.

**Group Five-** SHREYA DUTTA, SUKHMANN, TISHA, SURAJ , VARTIKA VANI, VASUNDHARA, VIDHI

Major landforms of India- Mountains, plains and plateaus.

Define the terms, how are they different from each other (present in a tabular form with the help of examples) ,their usefulness, name and mark on the political map of India. ( important features only)

**Group Six-** AVI TIWARI, MEHAR,SHOURYA SHARMA, AKSHAT B, KHUSHI, MUSKAAN, TUSHAR, CHAITANYA, VISHAL

Maps- origin of maps, instruments used to make a map, types of maps, language of the maps i.e. signs symbols and colours.

**Sibaditya, Rashad, Chavi, JiaRohilla will do the 'ITIHAS' Project and that will be assessed as their Holiday Homework.**

## **VI-B**

**Group one-** AAYUSH GUPTA, ADITYA BHATTACHARGEE, AMAN KASHYAP, ARUSHI BATRA, ANIKET CHHETRI, CHITANSHA BATRA, EVA WALIA

Celestial Bodies- stars (focus on sun) planets, constellations, natural satellites(focus on moon) asteroids, meteors, recent meteorite disaster, comets)

**Group Two-** FAISAL RAHMAN, GAURI SHARMA, GAUTAM SETHI, HARSHIT MALHOTRA, HARSHITA AGGARWAL, ILMA RAZI, KESHAV BHARDWAJ

Solar System- planets; their size, distance from the sun, time of revolution and rotation, availability of water, their natural satellites, and their main features.

**Group Three-** KUNAL, KUSHA VASUDEVA, LAVANYA , MANAN SURI, NITISHA MEHNA, PAKHI SIBAL, PARV UPADHYAY

Earth- interior of the earth with the help of a diagram, rocks found on the earth, (try to collect the pieces of rocks), major continents and oceans, major mountain ranges, major deserts. Use maps to show the mentioned features.

**Group Four-** PRANEY SURMA, PRANJAY BHATT, RIYA DHAMA, ROOPANSHI, SAHIL KUMAR, SAMANYU DASH, SANDEEP MOHANTY

Latitudes and Longitudes- Major latitudes and heat zones of the world, differences between the two, Longitudes and time-how to measure time; local time , standard time, international date line, formation and use of grid

**Group Five-** SARTHAK, SHAURYA SINGH, SHIVAM GUPTA, SHIVOHAM DAGAR, SHREYA BATRA, SIDAK SINGH, SOURABH GUIN

Major landforms of India- Mountains, plains and plateaus.

Define the terms, how are they different from each other (present in a tabular form with the help of examples) Their usefulness, name and mark on the political map of India. ( important features only)

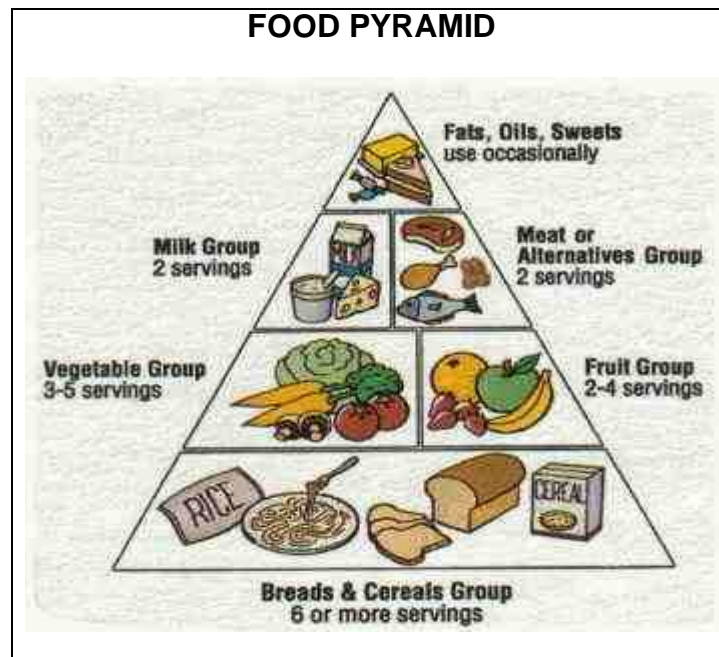
**Group Six-** VAGMI, VAIBHAV TRIPATHI, VIDIT MITTAL, YASH MAURYA, YASHWI SAINI, ZOYASHAMS

Maps- origin of maps, instruments used to make a map, types of maps, language of the maps i.e. signs symbols and colours.

**Adhiraj, Anurag Chauhan, Ayush Arya, Gauri Gupta, Himanshi Chhabra,Navjeeth will do the 'ITIHAS' Project and that will be assessed as their Holiday Homework.**

**SCIENCE** - Do the assignment given below in your FA notebook .

Observe these children carefully and answer the following questions. You can use the information in the boxes given below



• This food pyramid shows you how much of each food group you need.

People who are obese suffer more from-  
Heart attack, Arthritis, Diabetes

1. Are these children healthy? Give reasons.
2. Why is it important for them to lose weight?
3. Are they eating healthy food?
4. What should they eat for their meals and how often?
5. Which food group should they eat less/avoid in order to be healthy?
6. Suggest five healthy dishes suitable for them to bring in their lunchboxes.
7. What do you understand by the term 'snacks'? How are they different from "junk food"?
8. Can "junk foods be made healthy?
9. Draw and colour the food pyramid given above.
10. Collect and paste pictures of the food items rich in different nutrients.
11. Generate a crossword puzzle on the topic "components of food". You can take help from the site- [www.classhelper.org](http://www.classhelper.org).
12. Take a print out of the crossword generated by you.

## **FRENCH**

### ✓ **Make a scrapbook on Alphabets**

1. Find out at least three words each, starting with every alphabet in French language with its meaning. (eg: B: bois, ballon, bateau)
2. Paste the picture related to each word.

## **COMPUTER**

**Electronic mail**, commonly known as **email** or **e-mail**, is a method of exchanging messages from one to one or more recipients. In this summer vacation, create an e-mail account. Mail the same presentation which you have made in Social Science Holiday Homework to **[skool.saket.del@apj.edu](mailto:skool.saket.del@apj.edu)** using your own email id.



## संस्कृत

- 1) पाठ्य पुस्तक में से 20 अलग-अलग धातुओं को छाँटकर, अर्थ के साथ उनकी सूची बनाइए ।
  - 2) पठ्, पा, गम्, तथा अस् धातुओं के लट् लकार तथा लृट् लकार के रूपों को स्मरण करके लिखिए ।
  - 3) अकारान्त, आकारान्त तथा सर्वनाम शब्दरूपोंको स्मरण कर के लिखिए ।
  - 4) संस्कृत में पाँच फूलों, पाँचफलों, पाँच पक्षियों तथा पाँच पशुओं का चित्र सहित नाम लिखिए ।
- नोट- मूल्यांकन का आधार विषयवस्तु व प्रस्तुतीकरण है ।
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## हिंदी

1. अपनी सहायक पुस्तक बाल रामकथा में से 'अवधपुरी में राम' प्रसंग को 15-20 संवाद में लिखें ।
2. कोई पाँच अक्षर (स्वर या व्यंजन) लेकर नवीन शब्दावली निर्माण करें । कार्य के लिए निम्न बिंदुओं पर ध्यान दें :-

- पाँच अक्षरों का चयन करने के बाद प्रत्येक अक्षर से पाँच नवीन शब्द बनाएँ।
- प्रत्येक शब्द का व्याकरणिक परिचय- ( अर्थ, लिंग, संज्ञा या विशेषण ) दें।
- उस शब्द का वाक्य प्रयोग भी करें।

उदाहरण- चयन किया गया अक्षर - 'आ'

नवीन शब्द - आगमन: - आना- पुल्लिंग, संज्ञा

वाक्य- श्री राम के आगमन पर सब लोगों ने दीए जलाये ।

नवीन शब्द - आलोचक: - आलोचना करने वाला- पुल्लिंग, विशेषण

वाक्य - आलोचक हमेशा हमें गलतियाँ सुधारने की प्रेरणा देते हैं

- नोट- समस्त कार्य एक नोटबुक में करें। कार्य का मूल्यांकन मौलिकता और विषय वस्तु के आधार पर किया जाएगा।