

HERITAGE SCHOOL JAMMU
SUMMER HOLIDAY HOMEWORK
CLASS-VIII
(SESSION 2017-2018)

Dear Parents,

Summer Holiday Homework is an initiative on our part to inculcate creativity and interest in the tasks assigned to our students. It will not only enable them to recapitulate what was taught but will also help them to connect themselves to the various learning processes. Please ensure that your child completes the assignments neatly.

ENGLISH

Q1) Design a poster based on any one of the following themes:

- (i) Save the girl child
- (ii) Eye Donation
- (iii) J&K Tourism

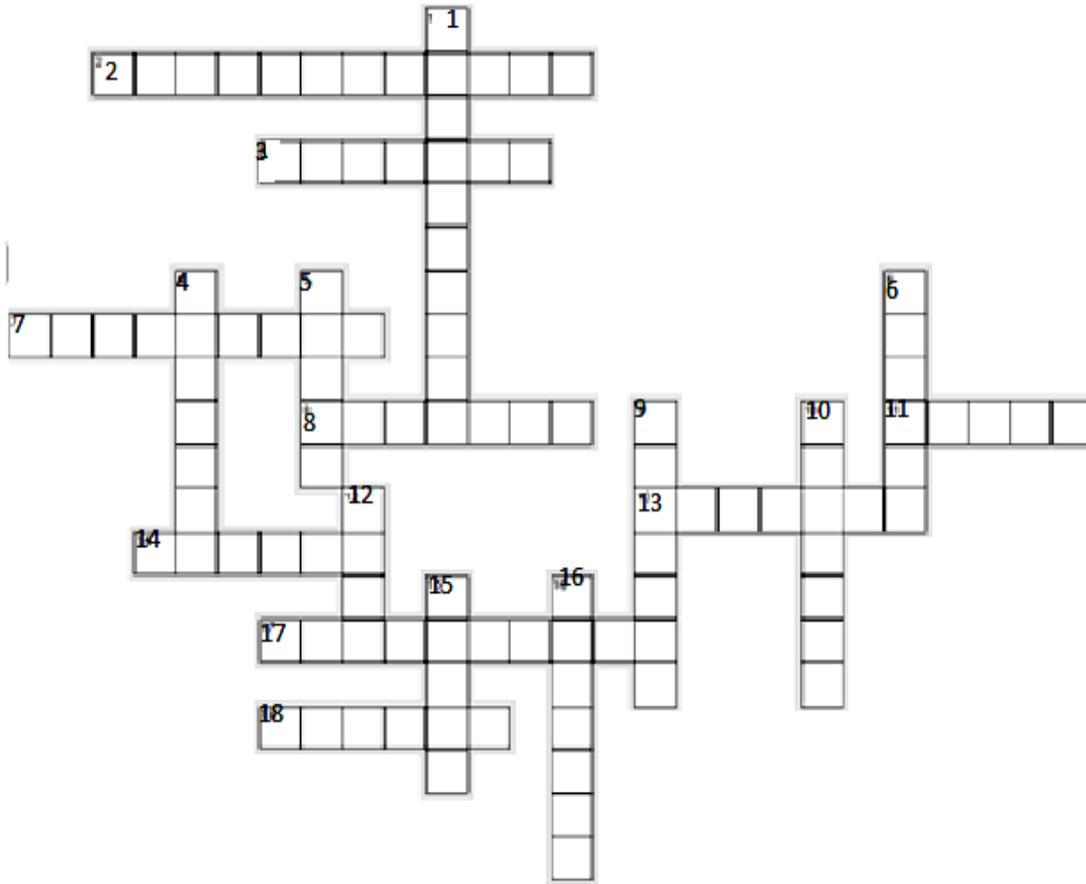
Q2) Refer to the story 'For Love of a Game' from the MCB. Write a paragraph in about 100 words based on the following- Have you ever set your goals and worked towards achieving them? What steps would you take to overcome difficulties and obstacles? Do you easily lose hope? Which two adjectives describe you best?

Q3) Watch and enjoy the movie 'INSIDE OUT' with your parents. Group discussion and speaking skills based on movie review (theme, story, characters etc) will be held in the class.

- **Written work to be done in Grammar notebook**

Q4) Do the following crossword:-

Crossword – SPORT



Across

2. Someone who earns money for doing a sport.
3. A person who makes certain that the rules are followed in a sports game.
7. Someone who watches a sport.
8. A competition to do better than other people, usually in which prizes are given.
11. An ability to do an activity or job well.
13. The leader of a sports team.
14. A group of teams which compete against each other in a sport.
17. A person or team that is competing against others.
18. When someone loses against someone else in a competition.

Down

1. A competition with a series of games between many teams or players, with one winner at the end.
4. A person who is very good at sports or physical exercise.
5. Someone whose job is to teach people to improve at a sport.
6. A period of the year when a particular thing happens.
9. When you win a game.
10. Someone who does something as a hobby and not as their job.
12. A group of people who play a sport or game together.
15. A metal disc given as a prize in a competition.
16. A large, open area with seats around it, used for playing and watching sports.

MATHEMATICS

- Q1. If 24 trousers of equal sizes can be prepared in 54m of cloth, what length of cloth is required for each trouser?
- Q2. Divide 34 into two equal parts in such a way that $(4/7)^{\text{th}}$ of one part is equal to $(2/5)^{\text{th}}$ of the other.
- Q3. After 12 years, I shall be 3 times as old as I am 4 years ago. Find my present age.
- Q4. I am presently 5 times as old as my son. In 6 years time, I will be three times as old as he will be then. What are our ages now?
- Q5. Prove that the sum of all the angles of a hexagon is 720° .
- Q6. Divide Rs 1380 among Ahmed, John and Babita so that the amount Ahmed receives is 5 times as much as Babita's share and is 3 times as much as John's share.
- Q7. Verify that $(a+b)+c = a+(b+c)$ for $a=-2/3$, $b=5/7$ and $c=-1/6$.
- Q8. The measure of the angles of a hexagon are x° , $(x-5)^{\circ}$, $(2x-5)^{\circ}$ and $(2x+20)^{\circ}$. Find the value of x .
- Q9. Sunita is twice as old as Ashima. If six years are subtracted from Ashima's age and four years are added to Sunita's age, then Sunita will be four times Ashima's age. How old were they two years ago?
- Q10. Solve: $\frac{3t-2}{4} - \frac{2t+3}{3} = 2 - \frac{t}{3}$
- Q11. Bhagwanti inherited Rs 12000.00. She invested part of it at 10% and the rest at 12%. Her annual income from these investments is Rs 1280.00. How much did she invest at each rate?
- Q12. The ages of Sonu and Monu are in the ratio of 7:5. Ten years hence, the ratio of their ages will be 9:7. Find their present ages.
- Q13. In a rational number, twice the numerator is 2 more than the denominator. If 3 is added to each, the numerator and the denominator, the new fraction is $2/3$. Find the original number.
- Q14. My age is four times the difference of my age after four years and my age three years back. How old am I?
- Q15. Find ten rational numbers between $-2/5$ and $1/2$.
- Q16. 50kg of alloy of lead and tin contains 60% lead. How much lead must be melted into it to make an alloy containing 75% lead?
- Q17. A labourer is engaged for 20 days on the condition that he will receive Rs 60 for each day he works and he will be fined Rs 5 for each day he is absent. If he received Rs 745 in all for how many days he remained absent?

Q18. The length of a rectangle exceed its breadth by 9cm. If length and breadth are each increased by 3cm, the area of the new rectangle will be 84cm^2 more than that of the given rectangle. Find the length and breadth of the given rectangle.

Q19. The sides of a quadrilateral are produced in order. What is the sum of the four exterior angles.

Q20. Two regular polygons are such that the ratio between their number of sides is 1:2 and the ratio of measure of their interior angles is 3:4. Find the number of sides of each polygon.

Q21. Three angles of a quadrilateral are in the ratio of 3:5:8. The mean of these three angles is 80° , Find all the angles

Q22. The exterior angle of a polygon is one third of its interior angles. How many sides has the polygon?

Q23. Perimeter of a square HOPE is 40cm. Find the value of $(HP)^2 + (OE)^2$.

Q24. In a rectangle ABCD, diagonals AC and BD intersect at O. If $\angle CAB = 28^\circ$, find $\angle DOC$.

Q25. Write all properties of a parallelogram, a rectangle, a square, a rhombus, a trapezium and a kite with diagrams.

ACTIVITY: Prove that the sum of exterior angles of a polygon is 360° by cutting and pasting method.

- ✓ **All sums have to be done on a separate notebook of 100 pages.**
- ✓ **Activity has to done on coloured A4 size sheets.**

SCIENCE

1. Herbarium is a collection of preserved plant specimen. Prepare a Herbarium for Kharif crops. Atleast five specimen of the crops to be collected. Mention the following against each crop-
 - a) Type of soil it grows in.
 - b) Temperature required for its growth.
 - c) Amount of rainfall required for its growth.
 - d) Area in which it is grown.

(Submit the above activity in a file)

2. Observe the different phases of Moon for 15 days, i.e., from New Moon to Full Moon Day. Record your observation in a tabular form with the corresponding dates and the images of the Moon. Present the data on A4 size sheets in the following manner.

SNo.	Date	Corresponding Images of the Moon
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- Revise all the chapters covered in the class.

SOCIAL STUDIES

- Read Ch-2: 'Land, soil, water Resources, Natural vegetation and wildlife'.
- Many parts of India face water scarcity especially during summer. Collect information and prepare your very own report on 'WATER SCARCITY' in Jammu and Kashmir State. Make a detailed report (mentioning the areas affected with water scarcity, pictures, steps taken to overcome the situation and your own views to conserve water Resources. Paste a map of J&K and identify & locate the areas affected by water scarcity.

NOTE:-Holiday Homework to be done in the scrapbook.

HINDI

1. प्रोजेक्ट पेपर पर निम्नलिखित विज्ञापन बनाएँ :-
 (क) मारुति की गाड़ी का एक आकर्षक और रंगीन विज्ञापन बनाएँ ।
 (ख) पतंजलि के शहद का एक आकर्षक और रंगीन विज्ञापन बनाएँ ।
2. भारत की खोज पूरक पुस्तक पढ़ें, उसमें से जो पात्र आपको सब से अच्छा लगा उसके बारे में 50-60 शब्दों में एक अनुच्छेद प्रोजेक्ट पेपर पर लिखें ।
3. प्रोजेक्ट पेपर पर निम्नलिखित विषयों पर संवाद लिखें:-
 (क) बढ़ती महंगाई विषय पर दो औरतों के बीच की बातचीत को संवाद के रूप में लिखें ।
 (ख) माली और मालकिन के बीच की बातचीत को संवाद के रूप में लिखें ।
4. व्याकरण (निम्नलिखित कार्य अपनी व्याकरण पुस्तिका पर करें):-
 मुहावरे 16-30, लोकोक्तियाँ 1-15,
 विलोम शब्द 31-70, अनेक शब्दों के लिए एक शब्द 21-40, श्रुतिसमभिन्नार्थक शब्द 16-30,
 एकार्थी प्रतीत होने वाले शब्द 1-18 .

I. T.

PowerPoint Presentation: Based on the movie 'Inside out' (integrated with English activity)

Cover the following points:

Slide 1: Characters (paste pictures with Google help)

Slide 2: Description of characters (not more than 2-3 lines each)

Slide 3: Storyline

Slide 4: Your views on the Movie (5 points)

Take a print out of these slides and paste in your book pg-no 39

Learning outcome:

1. Working with power point software.
2. Putting pictures from internet to PPT.
3. Arranging data and pictures together.
4. Using formatting techniques (e.g. font style, color, B, U, I).

Parameters for evaluation:

1. Hands on Software
2. Slides according to given criteria
3. Putting pictures from internet to PPT
4. Formatting of data of pictures
5. Giving Animation effects
6. Description
7. Neatness
8. Creativity
9. Printout
10. On time submission

French

Read lessons 1, 2 and 3 and write their English translation in your French notebook.

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HOLIDAYS HOMEWORK

Roll-no رول نمبر:

Name نام:

Section سیکشن:

Class VIII جماعت:

پانچ کن کن ذریعوں سے حاصل ہوتا ہے؟ لکھیے۔