

HERITAGE SCHOOL JAMMU
SUMMER HOLIDAY HOMEWORK
CLASS-VIII
(SESSION 2018-2019)

“LEARN

*Everything you
Anytime you
From anyone you
- there will always come a time when you will be grateful
you did.”*

CAN

Sarah Caldwell

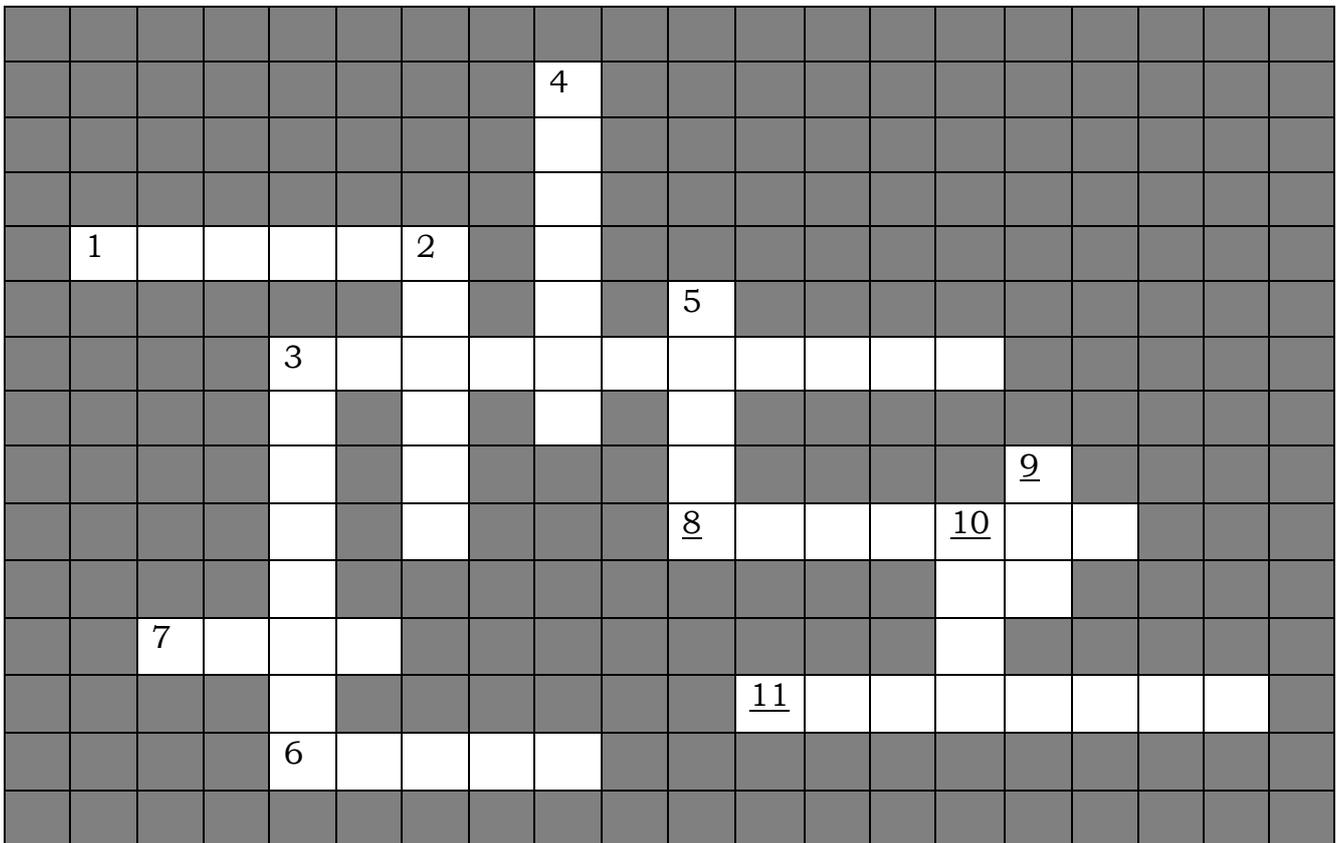
Dear parents,

Summer Holiday Homework is an initiative on our part to enable our students to recapitulate what has been taught and also connects them to the various learning processes. As you enjoy the holidays, help your child to complete the following assignments.

- **Prepare UT – I syllabus for all subjects.**

ENGLISH

1. **Using the clues, write the correct words in the given crossword and paste it in your literature notebook:**
(You may refer to your Literature Reader)



ACROSS

1. cloth used to cover dead person's body
3. total confusion
6. serious
7. act of leaving a place
8. shortage
11. unable to pay debts

DOWN

2. the act of saying no
3. troubling or causing distress
4. forced to do something
5. tied
9. lie
10. seal

2. (A) Complete the following proverbs and write them in your grammar notebook:

- a. A bird in the hand is _____
- b. All's well _____
- c. A penny saved _____
- d. The pen is _____
- e. The grass is always _____

(B) Match the idioms with their meaning and use them in the sentences given below:

	Idiom	meaning
1.	turn a blind eye	Attracting special attention for unusual appearance
2.	once in a blue moon	A kind brave person
3.	call it a day	ignore
4.	knight in the shining armour	To do something very rarely
5.	larger than the life	Decide or agree to stop doing something

- a. His colorful waistcoat and unusual taste for hats made him a _____ character in the local community.
- b. He saved me from humiliation, he is my _____.
- c. She took one of the cookies but I _____.
- d. I only see him _____.
- e. I can't concentrate, let's _____.

3. Design a poster in your grammar notebook on the theme ' We must protect endangered species'.

MATHEMATICS

- Select any 5 cities and collect the data of average maximum and minimum temperature recorded for the past three years during summer and winter.
- Prepare a double bar graph for the above information and interpret the data.
- **The above assignment to be done in Maths note book.**

SCIENCE

PHYSICS

ANSWER THE FOLLOWING QUESTIONS

Q1) If a body is moving with uniform speed in a particular direction on a perfectly smooth surface no net force acts on it. Why?

Q2) Any object thrown up finally comes down. Why?

Q3) Is it possible that a force changes only in the direction of motion without any change in the speed of the object. Illustrate your answer with example.

Q4) What is the CGS unit of pressure?

Q5) What is the atmospheric pressure at sea level?

Q6) How does pressure get affected if area is doubled keeping the force constant.

Q7) Is weight a force?

Q8) How will you make a tester by using magnetic effect of current?

Q9) Differentiate between mass and weight.

Q10) State the difference between electroplating and electrorefining of metals.

Q11) Instead of taking the trouble of electroplating the metals with chromium for making car parts, taps, cycle parts etc why are these objects not made of Chromium itself?

Q12) Copper conducts electricity through electrons where as salt solution conducts electricity through ions. Do you agree?

Q13) If you use a stick to push an object, the muscular force acting on the object is a non contact force since your body is not in contact with the object. True or false?

Q14) If you press a rubber sucker on a rough surface it does not stick to the surface. Why?

Q15) Name the detector that is used to detect weak electric current.

CHEMISTRY

Q1. Which gas is evolved when metals react with acids?

- Q2. What is the main source of raw materials for plastics?
- Q3. Which artificial fibre is made from wood and pulp?
- Q4. What is a polymer?
- Q5. Which property must a substance possess for it to be possible to make thin wires of the material?
- Q6. Name a material used to make non-stick cook wares.
- Q7. What is the result of burning of rayon?
- Q8. Name the property of the metal by which it produces sound on being hit.
- Q9. Name the two kinds of plastic and their uses.
- Q10. List any two advantages of synthetic fibres.
- Q11. Why are plastic bottles commonly used to store chemicals in the laboratory?
- Q12. Burning cotton smells like burning paper, whereas burning wool smells like burning hair. Why?
- Q13. What is the use of plastics becoming a matter of concern these days?
- Q14. List important properties of nylon that makes it a useful synthetic fibre.
- Q15. Why are bells made of metals only?

BIOLOGY

ANSWER THE FOLLOWING QUESTIONS

- Q1. Name the protein factories of the cell.
- Q2. Name the cell structure that stores energy in the form of ATP.
- Q3. Name the cell present in human body that changes its shape like amoeba.
- Q4. What helps amoeba in movement?
- Q5. What makes lysosomes effective digestive bags?
- Q6. Who discovered cell and when?
- Q7. Name one unicellular and one multicellular organism.
- Q8. What is the level of organization in multicellular organisms?
- Q9. What are genes? Where are they located?
- Q10. Which organelle is known as the brain of the cell? What are its functions?
- Q11. What are golgi bodies called in plant cells? What are its functions?
- Q12. Why are the chloroplasts known as the kitchens of the cell?
- Q13. What does the nucleus consist of?
- Q14. If you are given 2 slides, one of animal cell and other of plant cell, how will you differentiate between them?

Q15. What will happen if cell membrane is removed from the cell?

- **The above assignment to be done on separate note book.**

SOCIAL STUDIES

It is a well-known fact that India is primarily an agricultural country. The British destroyed handicraft industry in the country and also unleashed far-reaching changes in the country's agrarian structure by introducing new systems of land tenures and policies of revenue administration for their economic interests. They abandoned the age-old system of revenue administration and adopted in their place a ruthless policy of revenue collection.

ACTIVITY: Make a project report of various land revenue systems introduced by the British and their impact on Indian peasantry.

Your report should include the following:

Land Revenue System

Permanent Settlement

Mahalwari System

Ryotwari System

On an outline map of India locate and label the areas where the above mentioned revenue systems were implemented.

NOTE:

- 1) Activity to be done on scrap book.
- 2) Paste relevant pictures.

HINDI

1) "भारत की खोज" पुस्तक पढ़ें और उसमें से हमारे "राष्ट्रपिता महात्मा गाँधी" पर 15-20 पंक्तियाँ लिखें |

2) क) विज्ञान के विभिन्न उपकरणों को चिपकाकर "विज्ञान के चमत्कार" पर 80-100 शब्दों में अनुच्छेद

लिखें |

ख) भारत की पाँच ऐतिहासिक इमारतों के चित्र चिपकाकर उनमें से किसी एक इमारत पर 80-100 शब्दों

का अनुच्छेद लिखें |

3) अपने विद्यालय के प्रधानाचार्य को पीने के पानी की उचित व्यवस्था हेतु पत्र लिखें |

4) आपके स्कूल में नृत्य प्रतियोगिता का आयोजन हो रहा है | उसके लिए सूचना पत्र लिखें |

नोट :-

उपर्युक्त दिये गए कार्य को प्रोजेक्ट पेपर पर करें और एक फ़ाइल बनाएँ |

प्रथम इकाई (UT-1) के पाठ्यक्रम याद करें तथा उसका अभ्यास करें |

URDU

Write a paragraph on sources of water on an A4 size sheet.

FRENCH

Write translation of lesson no. 1 and 2 in the French notebook.

I. T.

Topic	Evaluation details
<ul style="list-style-type: none">• Create a data base in MS-Access (with your name class Roll no) eg Arushi 8A 23• TABLE NAME – PER INFO• <u>E-Mail the database file as attachment on</u> sarikaheritage@gmail.com (8E,F)• <u>E-Mail the database file as attachment on</u> sharmaa_neha@rediffmail.com	Points to be Covered:- <ol style="list-style-type: none">1. Tables creation2. Setting Fields3. Applying datatypes4. Data Entry5. Sorting records descending order6. Filter records – number filter – between 1-10(roll no)7. Forms

To be done

- Create a data base in MS-Access (with your name class Roll no) eg Arushi 8A 23
- Go to Design view of the table TABLE NAME – PER INFO
- Set fields and data type as below:

TABLES DETAILS	
FIELDS	DATA TYPE
Stu_Rollno (Primary Key)	Number
Stu_Name	Text
Father_Name	Text
Mother_Name	Text
Stu_DateOfBirth	Date/time
Stu_Class	text
Fee	currency
Phone_No	text
Address	Memo
(enter 30 records)	

- Enter 30 Records
- Sort records descending order
- Filter records –using number filter – **between** 1-10(roll no)
- Create form
- Save it and **E-Mail the database file as attachment on**
sarikaheritage@gmail.com (8E,F)
E-Mail the database file as attachment on sharmaa_neha@rediffmail.com
(8th A,B,C,D)

