SUMMER HOLIDAY ASSIGNMENT

GRADE – 8(CAIE)

HINDI:

1.कुछ भी सीखने के लिए आरम्भ में अनेक कठिनाइयों का सामना करना पड़ता है | आपको क्या सीखने में कठिनाइयों या रोमांच का अनुभव हुआ ? रोचक घटना के रूप में संस्मरण लिखिए जैसे - स्केट्स चलाना, कंप्यूटर चलाना आदि |
निर्देश - अपनी आयु, सीखने की विधि, स्थान, कठिनाइयाँ व सफल होने तक की पूर्ण प्रक्रिया रोचक घटना के रूप में 150 से 200 शब्दों में लिखिए |(संभव हो तो चित्र भी चिपकाएँ)

2.प्रतिदिन समाचार पत्र पढ़ो | समाचार-पत्र से खेल जगत संबंधी ख़बरों और लेखों की कतरने (कटिंग) लेकर कोलाज बनाइए |

3. स्वच्छता अभियान की इस पहचान व स्लोगन के समान रक्तदान, नेत्रदान, बेटी बचाओ बेटी पढाओ का एक- एक चित्र व स्लोगन तैयार कीजिए |

निर्देश -चित्र व स्लोगन में अपनी चित्रात्मकता व रचनात्मकता का प्रयोग करें | चित्रों में रंगों का प्रयोग करें |

नोट- प्रश्न 1 और 3 से संबंधित काम व्याकरण की उत्तर पुस्तिका में करें |

FRENCH:

1. Dialogue writing ----

- Vous êtes au marché. Vous faites des courses. Imaginez le dialogue entre la marchande et vous.
- Vous avez visite un endroit intéressant pendant les dernières vacances. Racontez vos expériences à un(e) cousin(e). Composez un dialogue d'environ 40 mots.
- Vous voulez aller voir un film avec un(e) ami(e). Discutez-en avec lui/elle. Composez un dialogue d'environ 40 mots.
- Parlez du sport avec un(e) ami(e).
- Vous cherchez un emploi après vos études. Un expert discute avec vous.
- Caroline va chez le dentiste. Imaginez le dialogue entre le dentiste et Caroline.

MATHS:

FIND THE VALUE OF EACH EXPRESSION:

1) $5^3 =$ 2) $2^{11} =$ 3) $6^3 =$ 4) $9^3 =$

5) $100^2 =$ 6) $6^5 =$ 7) $10^7 =$ 8) $3^5 =$

9) $4^8 =$ 10) $12^4 =$ 11) $16^2 =$ 12) $27^1 =$

SIMPLIFY EACH PRODUCT: (• MEANS MULTIPLY)

13) $10^{12} \bullet 10^{35} =$ 14) $a^7 \bullet a^{17} =$ 15) $c^3 \bullet c^8 =$ 16) $d^7 \bullet d^5 =$

17) $x^{2e} \bullet x^{8e} =$ 18) $(x^2)^3 =$ 19) $(a^7)^3 =$ 20) $(y^{13})^4 =$

FIND THE VALUE OF EACH:

1) $(10 \times 7 + 40) + 38 \times 10 =$ _____
2) $31 - 1 \times 5 - 8 + 33 =$ _____
3) $2 \times 2 + 36 + 15 - 17 =$ _____
4) $(4 \times 9 \div 2 \times 10) + 40 =$ _____
5) $32 + 1 + (12 \times 5 \div 3) =$ _____
6) $(3 \times 3) + 15 + 1 \times 9 =$ _____
7) $(5 - 5) \div 12 \div 63 \div 77 =$ _____
8) $2 \times 6 + 11 \times 5 + 2 =$ _____
9) $24 + 12 + (30 + 15 + 39) =$ _____
10) $(6 \times 9 + 22 \times 6) \times 4 =$ _____

FIND THE DIFFERENCE:

1. $18 - 0.8 =$ _____
2. $8 - 0.07 =$ _____
3. $12 - 1.3 =$ _____
4. $15 - 1.3 =$ _____
5. $4 - 0.004 =$ _____
6. $1 - 1.1 =$ _____
7. $15 - 0.008 =$ _____
8. $17 - 0.019 =$ _____
9. $5 - 1.5 =$ _____
10. $16 - 0.003 =$ _____

FIND THE SUM:

1. $6 + -12 + 2 =$ _____
2. $11 + 14 + -2 =$ _____
3. $-12 + -5 + -10 =$ _____
4. $5 + 13 + 6 =$ _____
5. $1 + -13 + 14 =$ _____
6. $1 + 14 + 17 =$ _____
7. $6 + 20 + 15 =$ _____
8. $0 + -8 + -7 =$ _____
9. $3 + 10 + -15 =$ _____
10. $3 + -16 + -16 =$ _____

FIND THE QUOTIENT:

1. $0.55 \div 0.05 =$ _____
2. $0.66 \div 0.03 =$ _____
3. $0.63 \div 0.07 =$ _____
4. $0.75 \div 0.025 =$ _____
5. $0.48 \div 0.01 =$ _____
6. $0.56 \div 0.02 =$ _____
7. $0.42 \div 0.07 =$ _____
8. $0.81 \div 0.09 =$ _____
9. $0.22 \div 0.044 =$ _____
10. $0.36 \div 0.04 =$ _____

SIMPLIFY:

1) $5^2 + 3^3$
2) $2^6 \div 4^2$
3) $7^2 - 20^1$
4) $3^2 \times 2^2$
5) $9^3 \div 18$
6) $0^7 - 1^{15}$
8) $10^4 + 0^1$
9) $2^8 - 11^2$
10) $6^4 \div 3^4$

ACTIVITY

Measurement

The word "measurement" is derived from the Greek word "metron," which means a limited proportion. This word also finds its roots in the words "moon" and "month," possibly because astronomical objects were among the first methods to measure time.

Introduction to Measurement:

Measurement refers to the comparison of an unknown quantity with a known quantity. The result of the measurement is a numeric value with certain units. We can measure the length, weight, and capacity (volume) of any given object. Let us:

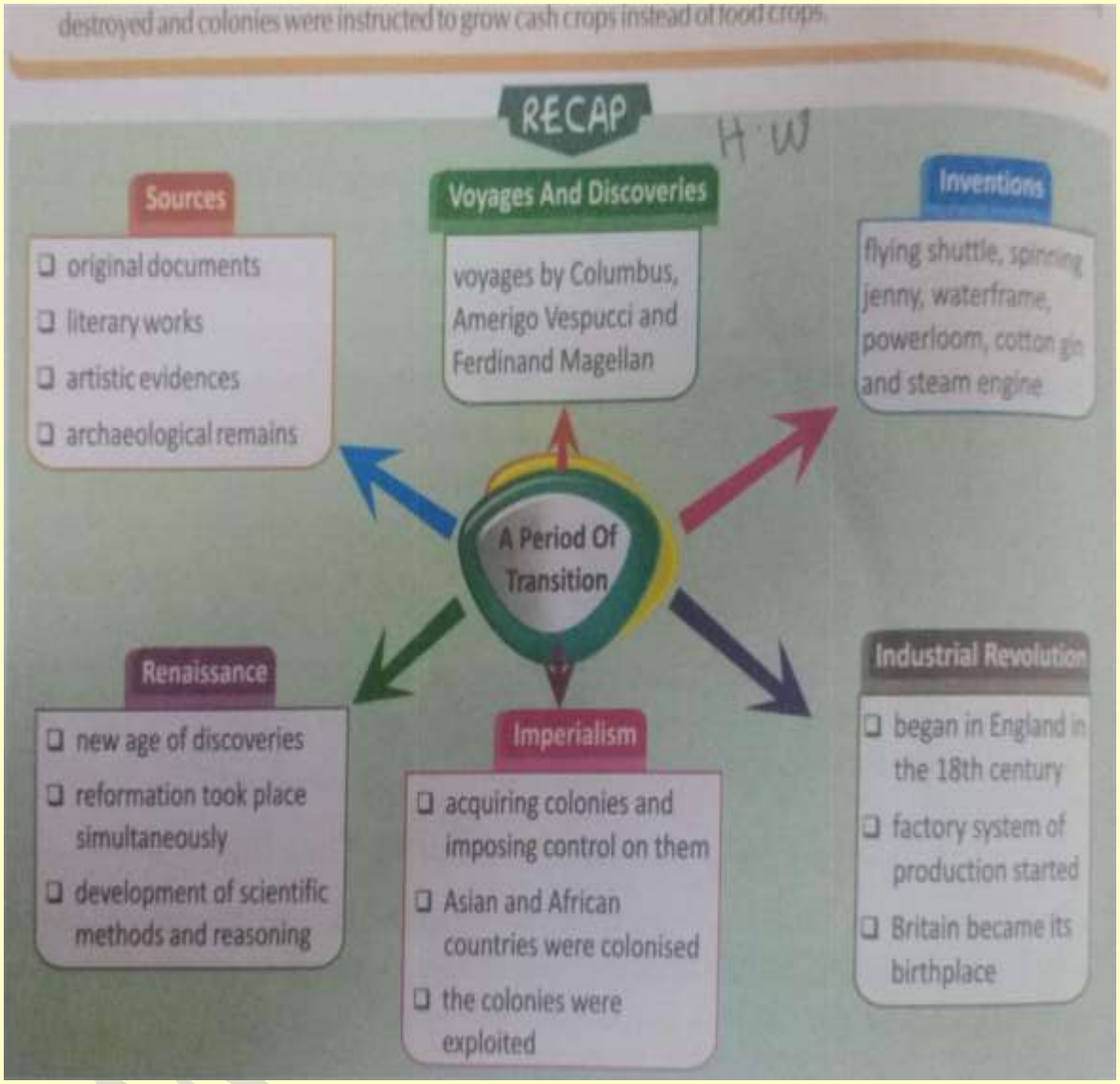
- learn how to measure the area and perimeter of plane shapes.
- explore solid shapes and learn how to measure their surface areas and volumes.
- know about reading the clock and the calendar.

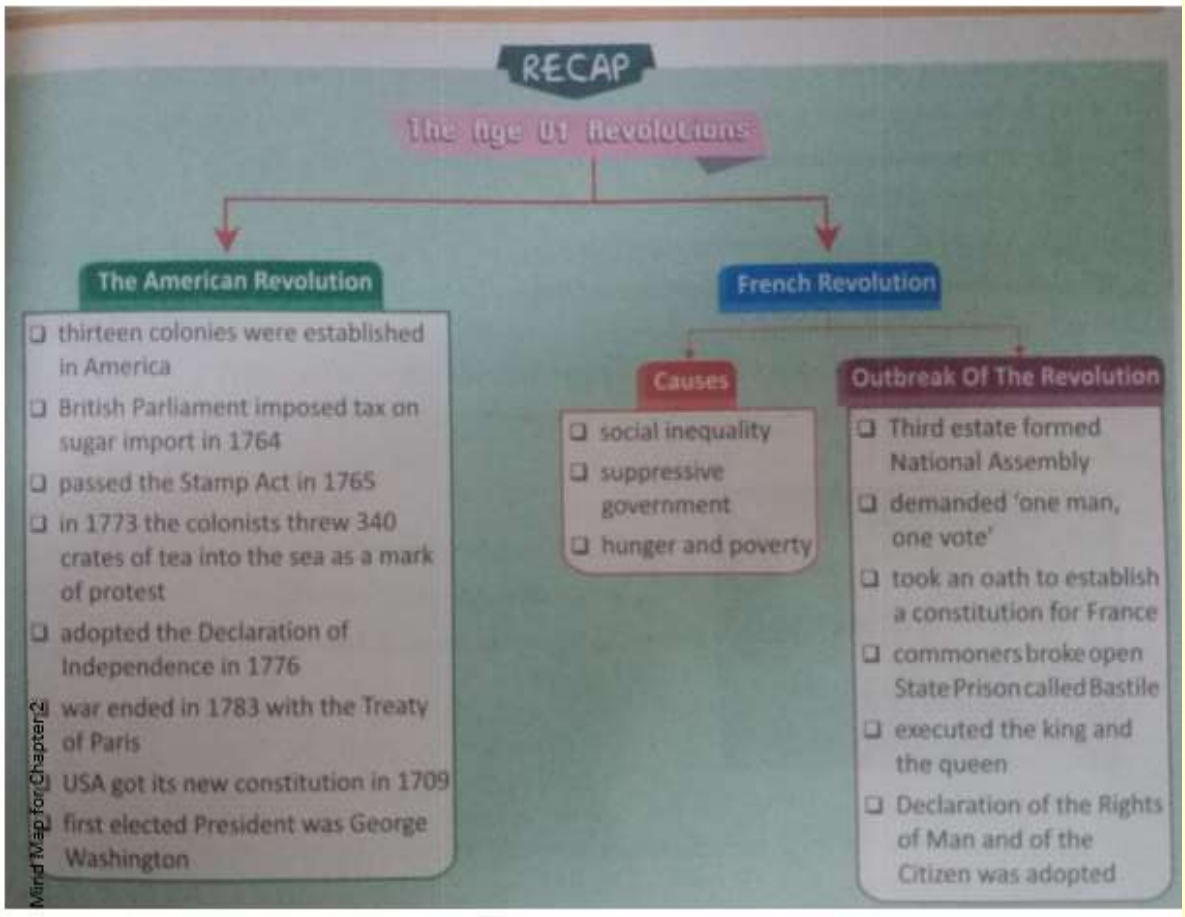
You can go ahead and explore all important topics in Measurement from the following list:

Metric System	Surface Area
Perimeter	Volume
Area	Time
Solid Shapes	Unit Conversion

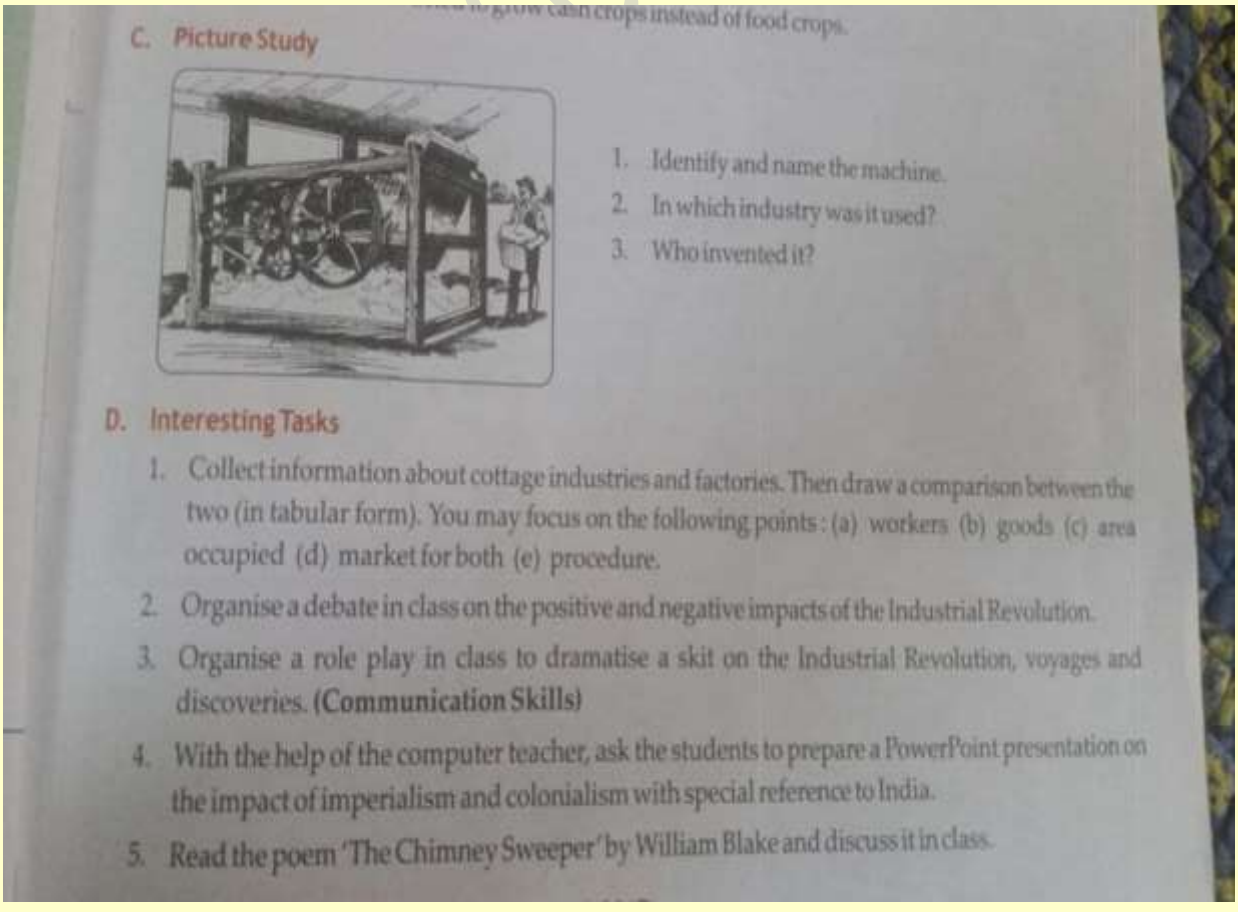
HISTORY:

Q1. Make these mind maps in your notebook





Q2. Do the picture study and Interesting facts in your notebook



C. Picture Study

1. Identify and name the machine.
2. In which industry was it used?
3. Who invented it?

D. Interesting Tasks

1. Collect information about cottage industries and factories. Then draw a comparison between the two (in tabular form). You may focus on the following points : (a) workers (b) goods (c) area occupied (d) market for both (e) procedure.
2. Organise a debate in class on the positive and negative impacts of the Industrial Revolution.
3. Organise a role play in class to dramatise a skit on the Industrial Revolution, voyages and discoveries. **(Communication Skills)**
4. With the help of the computer teacher, ask the students to prepare a PowerPoint presentation on the impact of imperialism and colonialism with special reference to India.
5. Read the poem 'The Chimney Sweeper' by William Blake and discuss it in class.

2. The king and the queen of France were unpopular among the people.

C. Picture Study

1. Which event is depicted in the picture?
2. What is the date of this event?
3. An important document was adopted in this meeting. Who wrote it?

Interesting Tasks

1. Make a project on the important personalities of the American Revolution, especially focussing on their contribution.
2. On an outline map of America, locate the colonies that existed during the American Revolution. Find out how many of them exist today with the same names. Find out their capitals.
3. Prepare a PowerPoint presentation on the French society of 1789.
4. Make an interesting collage of the events leading to the two revolutions. Collect information from the Internet.
5. Prepare a chart/flow chart of the Acts that were passed by the British in the colonies and the reaction of the colonies to them.

Q 3. Make a chart on any of the contemporary development of Modern World.

REFER TO PAGE NUMBER 22 AND 23 OF YOUR HISTORY COURSE BOOK

ICT:

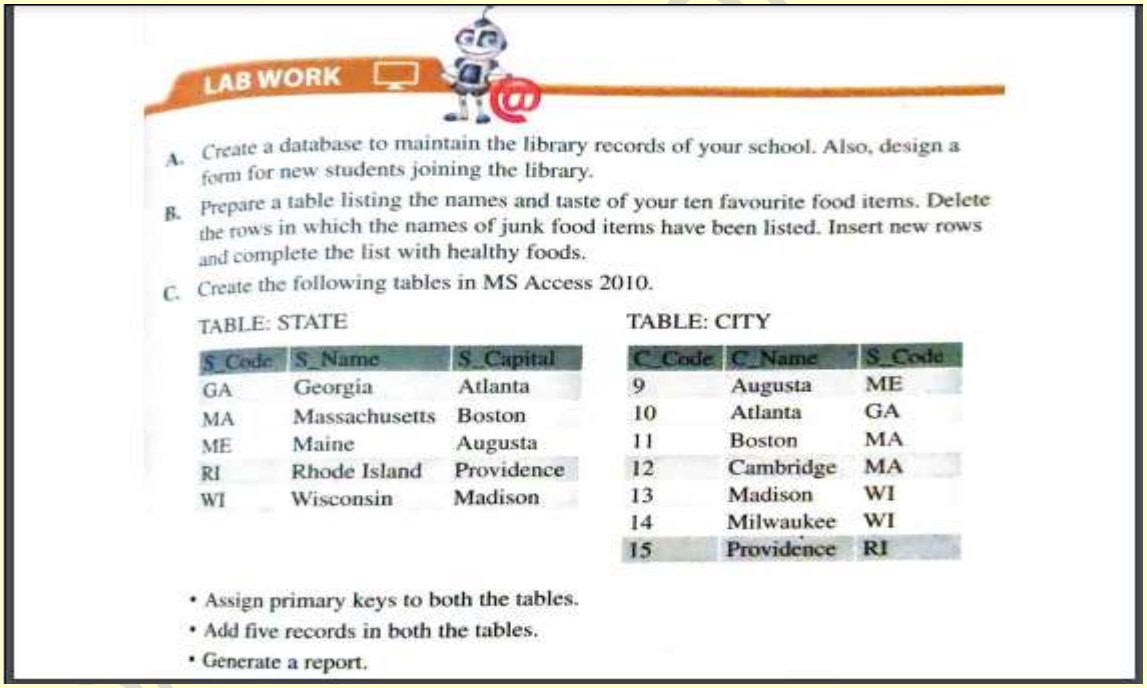
1. Develop a presentation on the topic Cyber Safety and Security measures needed in online teaching and learning sessions.

   Rules for the project work:

   - Should depict the topic clearly and it should be linked to online classes.
   - Try to use pictures and text clearly on the slides.
   - Should have transition and animation.
   - Can add your own audio with clear voice to depict the topic in a better way.

Last slide should have your name and resources of the topic such as any author's/book's name, URL/site source taken from internet

2.



LAB WORK

A. Create a database to maintain the library records of your school. Also, design a form for new students joining the library.

B. Prepare a table listing the names and taste of your ten favourite food items. Delete the rows in which the names of junk food items have been listed. Insert new rows and complete the list with healthy foods.

C. Create the following tables in MS Access 2010.

TABLE: STATE

S_Code	S_Name	S_Capital
GA	Georgia	Atlanta
MA	Massachusetts	Boston
ME	Maine	Augusta
RI	Rhode Island	Providence
WI	Wisconsin	Madison

TABLE: CITY

C_Code	C_Name	S_Code
9	Augusta	ME
10	Atlanta	GA
11	Boston	MA
12	Cambridge	MA
13	Madison	WI
14	Milwaukee	WI
15	Providence	RI

- Assign primary keys to both the tables.
- Add five records in both the tables.
- Generate a report.

GEOGRAPHY: ASSIGNMENT 1

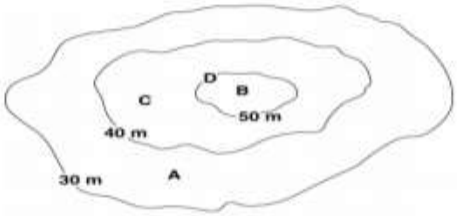
Contour Lines

Enrichment Activities

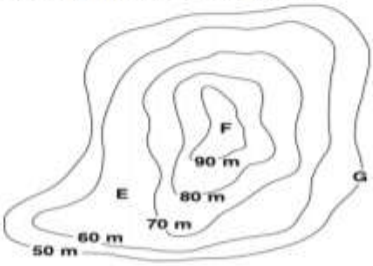
Skills: *map reading, analyzing*

The process of erosion affects the shape, or contour, of the land. An area's shape, or contour, can be determined by studying a topographic map. On a topographic map, points of equal elevation are connected by lines. These lines, called contour lines, are drawn at regular intervals. The amount of space between contour lines shows whether the surface of the land has a steep or gentle slope. Contour lines that are close together show land with a steep slope. Contour lines that are spread apart show land with a gentle slope. Short lines drawn at right angles on contour lines show places that have lower elevations than surrounding areas.

The contour lines on the maps below have a contour interval of 10 m. This means that the difference in elevation between two contour lines is 10 m. Letters have been added to the maps to show specific locations. Use the maps to answer the questions that follow.



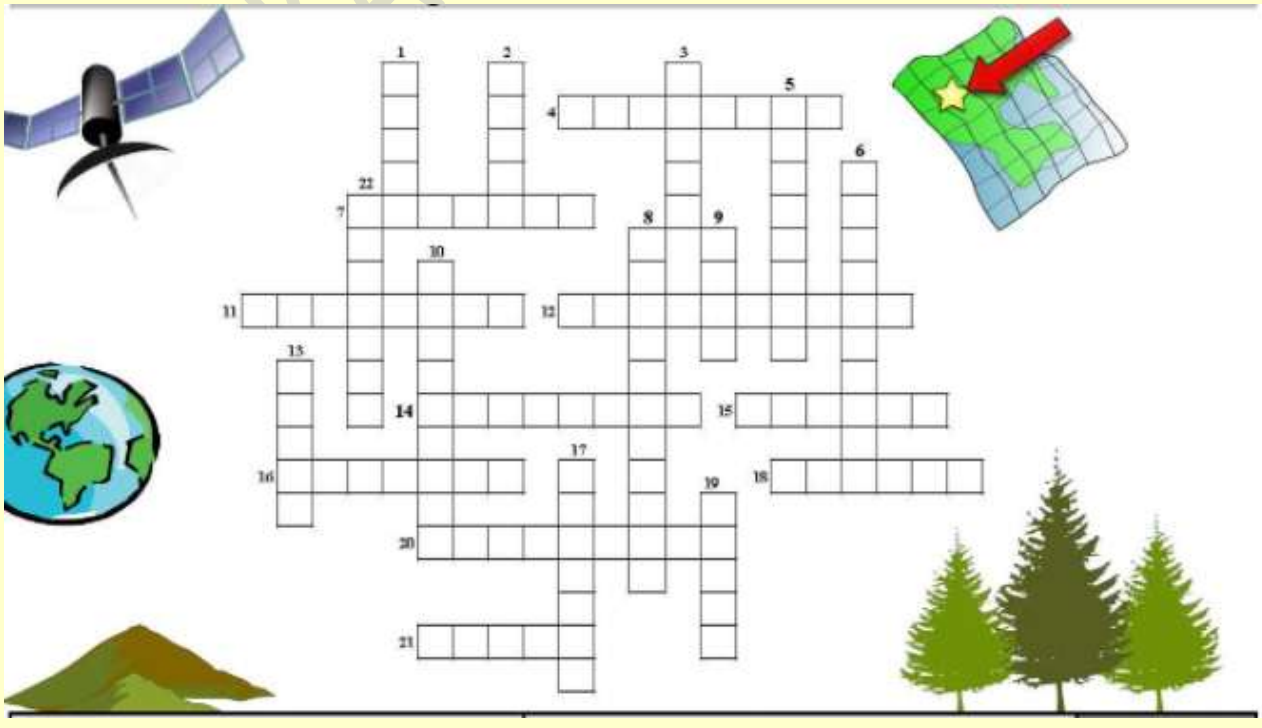
Map 1



Map 2

1. a. Which letter represents the location with the highest elevation? _____
   b. What is its elevation? _____
2. a. Which letter represents the location with the lowest elevation? _____
   b. What is its elevation? _____
3. Which location has an elevation greater than 60 m, but less than 70 m? _____
4. Which locations have an elevation of exactly 50 m? _____
5. Which map most likely represents a floodplain? Explain your answer. _____
   _____
6. Some places, such as caves and sinkholes, have lower elevations than surrounding areas. Infer how a sinkhole might be shown on a topographic map. _____
   _____

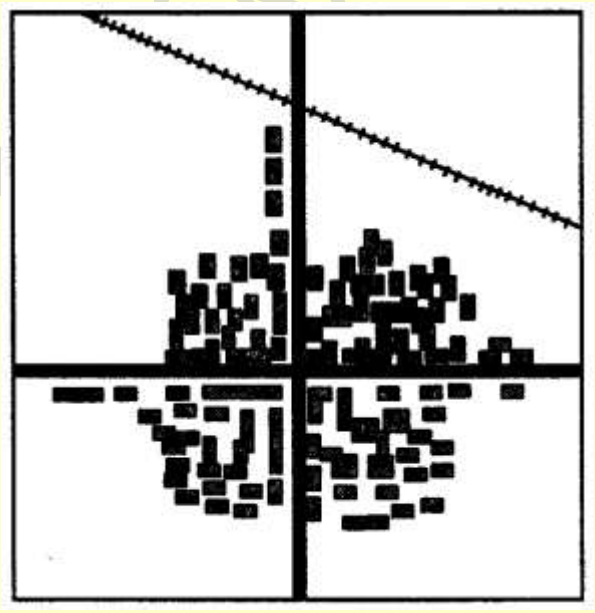
ASSIGNMENT 2



ACROSS	DOWN	WORD LIST
4. Satellite images are used to help with urban planning, mapping, and identifying _____ activity. 7. On the scale, the numerator represents the maps distance, while the denominator represents the _____ distance. 11. Green areas on a topographical map indicate areas where there are _____ features, such as forests and marshes. 12. _____ is defined as the surface features of an area on Earth. 14. A natural sculpture of the Earth's surface is a _____. 15. The difference in elevation between two points is the _____. 16. Satellite images can help identify patterns of _____ such as those caused by streams. 18. The _____ on a topographical map display important information about the map and the features included on it. 20. An _____ is the height above a fixed reference point, usually at sea level. 21. The relationship between the distance on the map and true distance on the Earth's surface is the _____.	1. Blue areas on a topographical map indicate areas where there are _____ features, such as lakes, ponds, and streams. 2. Black areas on a topographical map indicate areas where there are _____ made features, such as roads, buildings, bridges, and trails. 3. I the contour lines in an area on a topographic map are close together, it indicates that the land is _____. 5. The difference in elevation between adjacent contour lines on a map is known as a contour _____. 6. _____ is the breakdown of rock on the surface of Earth, usually by the force of water, wind, or ice. 8. A type of map that shows the physical features and relief of any area is a _____ map. 9. Areas with _____ relief generally have larger contour intervals on topographic maps. 10. A view taken from the sky looking at Earth is a _____ view. 13. Imaginary lines on Earth's surface connecting points of the same elevation are known as contour _____. 17. Satellite images of the entire Earth are used to study global _____ patterns, and continental and regional landforms. 19. A _____ contour line is a line that is printed heavier than others and is usually labeled with the elevation it represents. 22. When contour lines are far apart, the slope is a _____ slope.	Elevation Index Landform Relief Satellite Scale Topographic Topography Weathering Steep High Legend Water Woodland Human Grounds Weather Tectonic Erosion Gradual Interval Lines

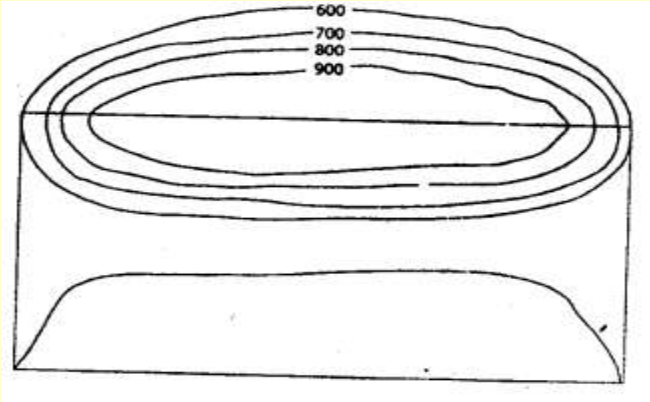
Assignment-3

1.Identify the type of settlement

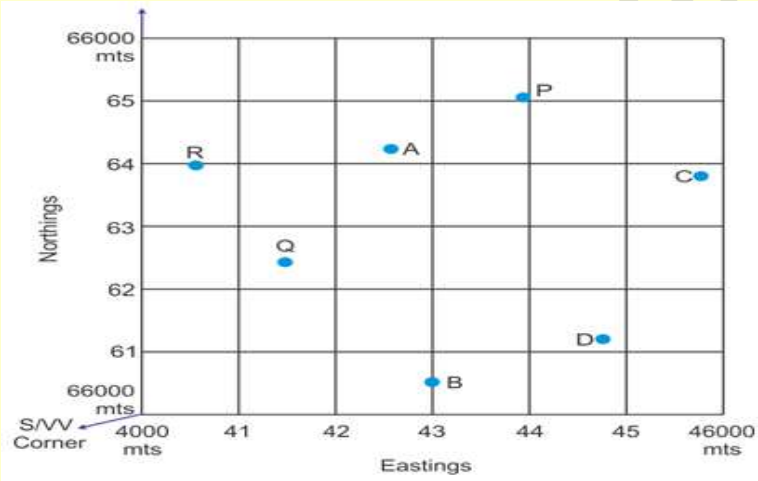


2. Write its features

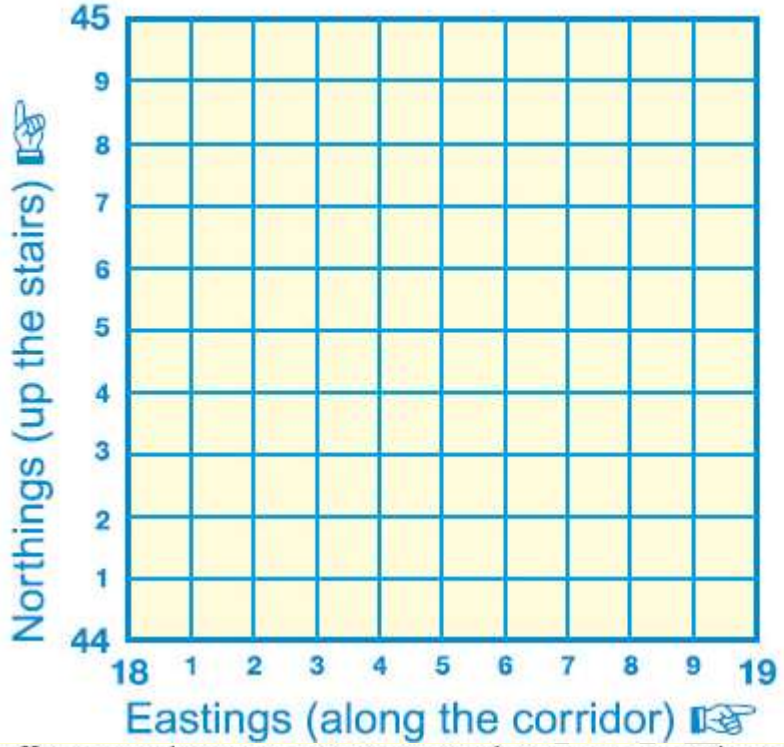
3. Name the relief feature and give its features.



4. Write the four figure grid reference of each of the alphabets given in this grid.



5. Mark a point in this grid with pen or pencil and then give 6 figure grid reference of the same.



6. Differentiate between Temporary and Permanent settlement.

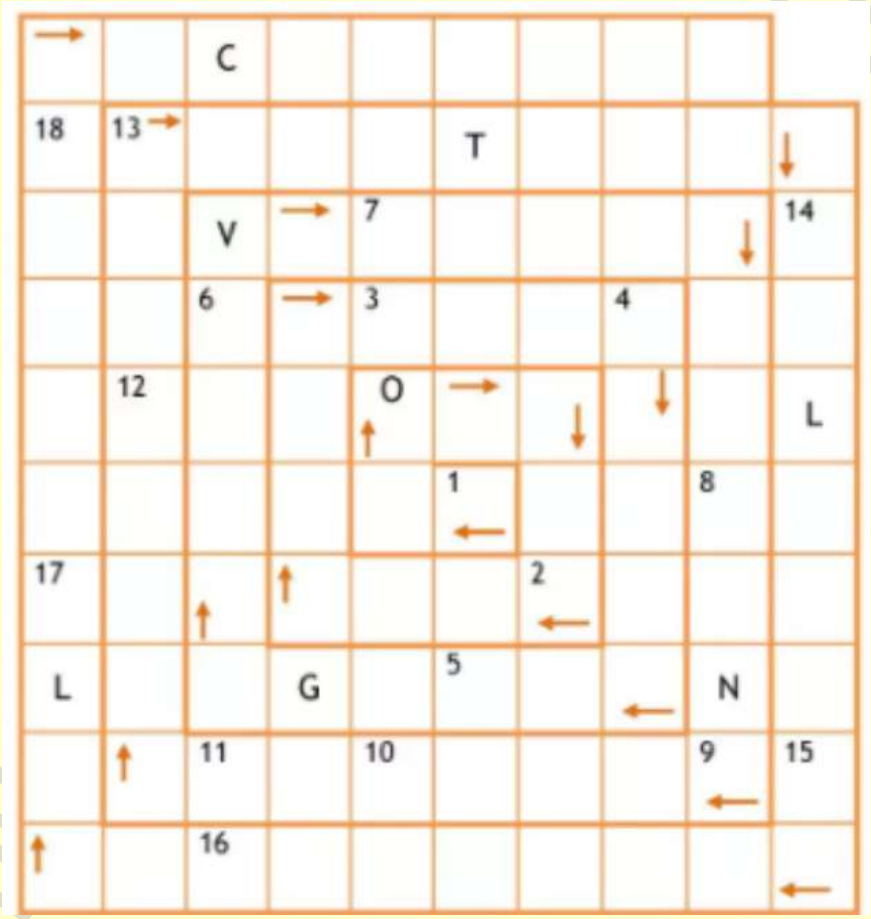
7. Match the following.

A	B
1. 45D/7	(a) To begin reading at topo sheet
2. South-west corner	(b) Depression
3. Δ217	(c) Gujarat

SCIENCE:

ACTIVITY 1: ATOMIC STRUCTURE SPIRAL QUIZ

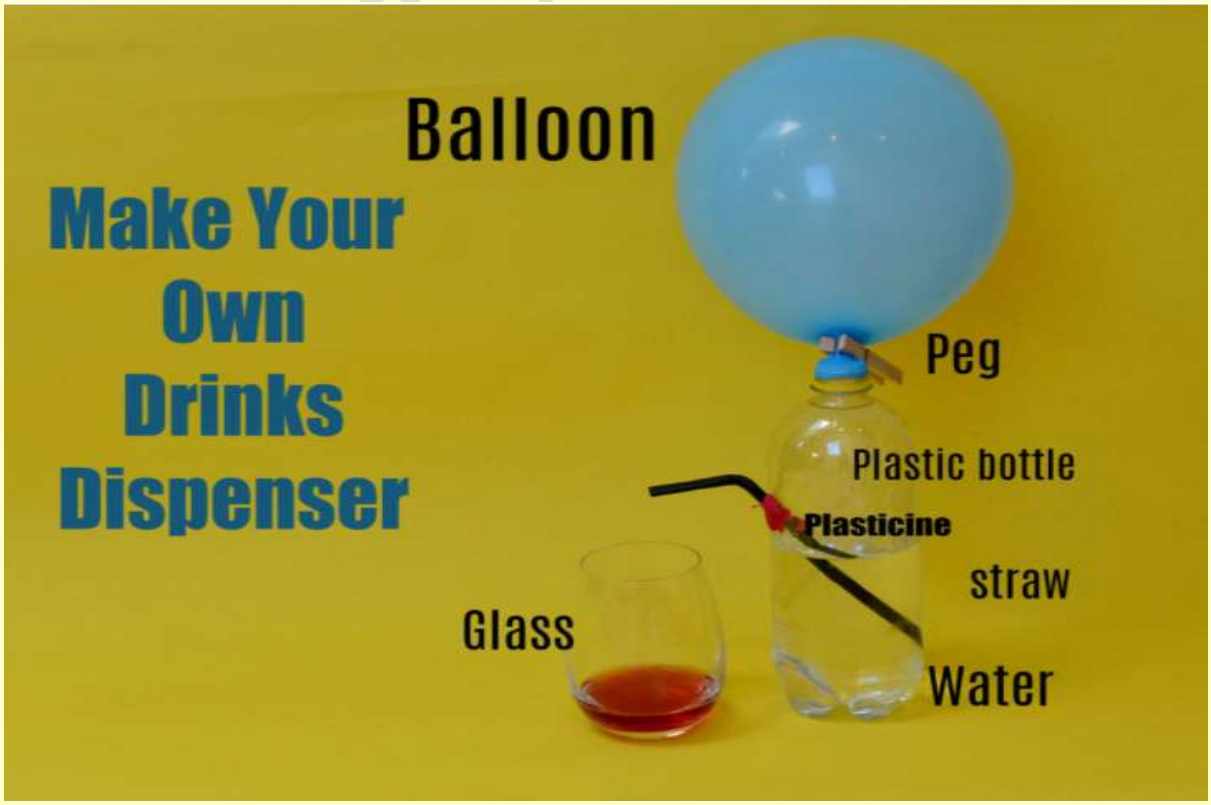
Answer each of the following clues in the quiz by starting in the square 1 at the centre of the grid and writing your answers in a clockwise spiral. The last letter of each answer is the first letter of the next. To help you arrows are given and you must not cross over the bold line. Also the number of letter to each answer is given in brackets. **Refer unit 4 for this activity**



1. An atom of the same element with a variable numbers of neutrons (7)
2. A negatively charged particle (8)
3. A noble gas whose atom contains ten electrons (4)
4. An atomic particle which has the same mass as a proton (7)
5. This describes the charge on a particle which has more electrons than protons (8)
6. This describes the number of protons, electrons and neutrons in an oxygen atom (4)
7. A gas found in the air with seven protons and seven neutrons in the nucleus of its atom (8)
8. The number of neutrons found in a hydrogen atom (4)
9. The maximum number of electrons in the second energy level (shell) (5)
10. The maximum number of electrons in the first energy level (shell) (3)
11. This atom has an electronic structure of 2.6 (6)
12. The number of electrons in a fluorine atom (4)
13. ..... structure describes the arrangement of electrons in the various energy levels or shells (10)
14. This element has a total of twenty electrons in its atom (7)
15. This element has a mass number of twenty four (9)
16. This describes the type of elements which lose electrons to form positive ions (6)
17. The element which has an atomic number exactly double that of oxygen (6)
18. The ..... of an element is decided by how many electrons it has in its outermost energy level (shell) (10)

ACTIVITY 2: REFER THE GIVEN LINK TO MAKE YOUR OWN WATER DISPENSER

https://youtu.be/hNCbLRYIWCo



ACTIVITY 3: SCIENCE TIC TAC TOE BOARD

CHOOSE YOUR OWN ACTIVITIES FROM THE GIVEN BOARD. You must choose three activities in a tic tac toe design.

Plants

Complete three activities in a row to get a Think-Tac-Toe

Create a diagram of the parts of a flower using tear art.	Draw an imaginary plant and label the plant's adaptations. Write a paragraph explaining how the adaptations help the plant to survive.	Complete a Frayer model on the word photosynthesis.
Illustrate and describe the different forms of seed dispersal.	Draw and label a plant cell.	Write a summary of the sun's role in a plant's life cycle.
Take a leaf rubbing of at least 5 different leaves. Make a list of the similarities between the leaves.	Reverse Key The answer is "germinate" What are five questions?	Create a diagram of a plant and label the parts of the flower, leaf, roots, and plant as a whole.

Note: Do all activities in your science notebook.