

## War and Peace Lesson from Past

Summer Vacations, the most awaited time of the year, is yet again knocking at our doors. With the holidays, comes the Holiday Home Work. Holiday Homework can be fun family time! At Aster, we believe in constructive family time, where our students indulge in self studies, make journals, perform experiments and record results. Thus the work given should be full of joy and shouldn't be treated as a burden.



## **GOLDEN WORDS**

**SUMMER BREAK ARE HERE ONCE AGAIN  
TIME TO PLAY AND TIME TO PLAN**

**HELPING PARENTS IN THEIR CHORE  
WILL NOT MAKE YOU EVER BORE**

**READING NEWSPAPER IS THE BEST HABIT  
EXERCISING PUTS YOU IN SMARTER BRACKET**

**PUT YOURSELF IN OTHER PERSON'S SHOES  
SENTIVITY AND CARE WILL NEVER LET YOU LOSE**

**BALANCING FUN AND LEARNING WILL HELP YOU SPIN  
WITH RESEARCH AND CURIOSITY YOU WILL WIN**

## ENGLISH

- 1) Design your posters advocating for peace & social justice...You can use slogans or quotations as well. (The poster will be made in vertical form only. A3 size sheet must be used with half cm border only... Slogan must be written on the top of the poster & use pastel colours for your poster only...3 posters are to be made)
- 2) Write 3 poems that explore themes of peace, conflict and reconciliation...Also compile your poems into an anthology to be displayed on your class board. (A3 size sheet must be used..For poem writing, you can use colourful gel pens for writing and brush pens and pencil colours for background colouring..)
- 3) Design your own newspaper with important events/news in the vacations. (Make a b'ful collage on A3 size sheet, using paper cutting & pasting)

## HINDI

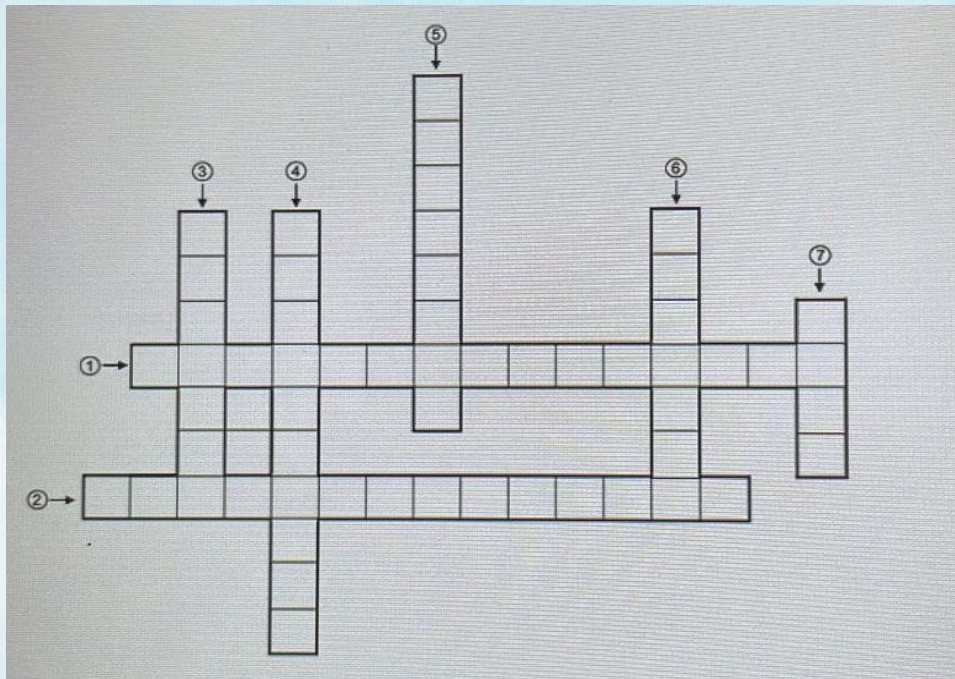
- 1) यूक्रेन और रूस के युद्ध को मद्देनजर रखते हुए दो मित्रों के बीच संवाद।
- 2) महात्मा बुद्ध के जीवन की कोई घटना A-4 शीट पर लिखिए।
- 3) शांति बनाम अशांति विषय को मद्देनजर रखते हुए एक आकर्षक कोलाज तैयार कीजिए।
- 4) अहिंसा परमोधर्म: इस उक्ति को चरितार्थ करते हुए अपने विचार लिखिए।

## MATHEMATICS

Complete the following crossword puzzle using the given directions.

Across:

- (1) The negative of a rational number is called its\_\_\_\_\_.
- (2) A number in the form of  $p/q$  , where  $p$  and  $q$  are integers and  $q \neq 0$ , is called a\_\_\_\_\_.



Down:

- (3) The \_\_\_\_\_ of a rational number and its reciprocal is 1.
- (4) The multiplicative inverse of a number is also called its \_\_\_\_\_.
- (5) Zero is also called the \_\_\_\_\_ identity for rational numbers.
- (6) If the product of two rational numbers is 1, then they are called multiplicative \_\_\_\_\_ of each other.
- (7) The rational number \_\_\_\_\_ is the additive identity for rational numbers.

### PYTHAGORAS THEOREM:

Prepare a card showing any one proof of Pythagoras theorem.

Make a colourful greeting card of size 15cm × 12cm on the topic “Properties of Rational Numbers”.

### CRACK THE CODE:

Solve each equation. Then, look for any places where that solution appears in the code at the bottom of the page, and write the corresponding letter on the line.

Use the code to reveal the rest of the joke!

**Note:** Not every letter will be used in the code at the bottom.

T	$-2(3 + 5x) = 2x + 6$	H	$-12 = 5(6 - 3x) + 8x$
O	$10x - 3 = 2x - 8 + 7x$	E	$-8x - 14 = 5(2 - x)$
S	$-4x - 8 + 6x = 16 - 6x$	C	$6(x + 1) - 2 = -3x - 14$
N	$12x + 3(2 - 5x) = 16 - 8x$	M	$4x + 8(3 - 2x) = -24$
U	$9(2 - x) + 11 = 8 - 12x$	R	$-10x + 6 = 3 - 3(2x + 11)$

What rock group has four members that can't sing or play instruments?

4   -5   -7   2   -1   9   -7   3   6   4   -5   9   -8   !

## SOCIAL SCIENCE

**Title:** Chronicles of Conflict: A Historical Calendar of Famous Wars

### **January - The Battle of Thermopylae (480 BC)**

Description: Explore the heroic stand of King Leonidas and his 300 Spartans against the Persian Empire, a pivotal moment in ancient Greek history.

### **August - The Gulf War (1990-1991)**

Description: Relive the swift coalition victory against Saddam Hussein's Iraq, showcasing the evolution of modern warfare and international cooperation.

### **September - The War in Afghanistan (2001-Present)**

Description: Reflect on the ongoing conflict against terrorism, with insights into the complexities of nation-building and counterinsurgency efforts.

### **October - The Syrian Civil War (2011-Present)**

Description: Explore the devastating conflict that has ravaged Syria, leading to widespread displacement, humanitarian crises, and geopolitical tensions.

### **November - The Battle of Mosul (2016-2017)**

Description: Witness the intense urban warfare as Iraqi forces, supported by a coalition, recapture Mosul from the grip of the Islamic State.

### **December - The Russo-Ukrainian War (2014-Present)**

Description: Gain insights into the ongoing conflict between Russia and Ukraine, with implications for European security and geopolitics.

Each leaf of this historical calendar is adorned with captivating imagery and informative details, offering a poignant reminder of the impact of war on human history.

## SCIENCE

### THEME: WAR AND PEACE OF WORLD

The science behind warfare plays a crucial role in shaping the outcomes of battles and military strategies. Concepts such as projectile motion, momentum, energy transfer, chemical composition of war-fares and explosives are all relevant to understanding the dynamics of combat, artillery, and cavalry tactics during the Napoleonic era till date. By analysing the science behind of "War and Peace," learners can gain a deeper appreciation for the impact of technology on battlefield outcomes.

Conduct a research work on the following given topic and write down a report on the given format.

- a) Use A-4 sheets
- b) Compile the sheets in a file folder.
- c) Support your project by pasting relevant pictures.

#### 1. (Roll no. - 1 to 10)

"War and Peace." Analyse the consequences of the chemicals involved in warfare during the time period of War. Research the impact and the outcomes of battles during the Napoleonic Wars and the alternates to these consequences and situations. What are the steps to be taken to reduce the impacts of destruction on nature and mankind during war.

#### 2. (Roll no. – 11 to 20)

Explore the role of chemistry in medicine during the 19th century, a time period when advancements in pharmaceuticals and medical treatments were beginning to emerge. Research the development of new drugs, surgical techniques, and medical discoveries during this era of War.

#### 3. (Roll no. – 21 to Last)

Explore the chemistry of materials used in construction of buildings, forts and castles involved in warfare during the time period of War. Research the chemical properties of these materials, their manufacturing processes, and how these were applicable in military fortifications.

## FRENCH

Réaliser un projet sur les combattants de la liberté de France. Nommez-les et décorez-les avec des images précisant leur contribution.

Make a project on the freedom fighters of France. Name them and decorate them with pictures specifying their contribution.

## INFORMATION TECHNOLOGY

Create a website using HTML and CSS coding.

Topic : (Choose any one from below )

- a) No poverty
- b) Life below water
- c) Gender equality
- d) Good health and well being

Website should include:

- a) External linking
- b) Images
- c) Audio and video
- d) Frames with border properties.

**Note:** Website should have minimum 3 pages and each page should be linked with home page using back button, also the web pages should also be linked with each



## SANSKRIT

- १) भारत के 5 सर्वश्रेष्ठ ऐतिहासिक स्थलों के विषय में संस्कृत में दो-दो वाक्य लिखकर उनका कोलाज बनाइये ।
- २) कारगिल की लड़ाई कब और कहाँ हुई थी संस्कृत में सचित्र वर्णन कीजिये ।
- ३) संस्कृत में कोई भी पाँच श्लोक लिखिए ।
- ५) संस्कृत में प्रतिदिन 10 वाक्य लिखिए

## ART

The students can do classic work with new creative ideas to create a work of art that is completely unique.

### MAKE A BEAUTIFUL MANDALA ART

#### GUIDELINES

1. A2 size only ivory sheet is mandatory ( Double of A3 ).
2. Picture can be made only in Vertical form .
3. Make half inches black border .
4. Medium only black gel pen and colourful pens .
5. Go through the images very carefully and follow all the instructions .

After making the Mandala Art write your full name, class, section in capital letters at the backside not in front.

These are just references try to make something more creative and different.

#### Reference images of MANDALA ART



## CRAFT

### Handmade creative TABLE / DESK CALENDAR

#### GUIDELINES

1. Reuse of old table calendar or Old Marriage Cards .
2. Monthwise can be make ( JAN- DEC 2025 ).
3. Pictures can be made monthwise festivals or if no festival in particular month any abstract art or silhouette painting can be made on that month.
4. Any type of craft work can be done at the corner areas.
5. Monthwise dates can be make neatly in good calligraphy or dates can be pasted in creative calligraphy font.

These are just references try to make something more creative and different.

#### Reference images of TABLE CALENDAR



**Desk Calendars**