



Bal Bharati
PUBLIC SCHOOL

Gangaram Hospital Marg, New Delhi-110060

(An Institution of the Child Education Society (Regd.))

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SESSION 2020-2021

MIDDLE DEPARTMENT

CLASS - VI

SUMMER PROJECTS & ACTIVITIES

ENGLISH

Objectives

- To cultivate and deepen comprehension skills
- To enhance creative writing skills
- To strengthen general awareness

1. FUSE IN NEWS :

Read the newspaper daily and keep yourself updated with latest around the world. Remember only aware minds can showcase their uniqueness to the world.

- 2. WRITE PERFECT:** At Bal Bharati Public School, it is believed that reading maketh a man fine, wise and happy and sparks a soulful journey within. So, read any two books of your choice and create an imaginary conversation between two characters, one each from each book.

High points of your presentation: Humour, Social Issues, History, Novelty!

- 3. CREATIVE CREEK:** Write a telephonic conversation between two friends who are in the same city but unable to meet due to closure of schools for the last two months. They should ask about each other's daily routine and any special task performed and any new art learnt

- 4. THINK BEYOND:** Write 8-10 sentences on "If a genie grants me three wishes to make this world a better place to live in, then I" What will you wish for and why?

MEDIUM OF PRESENTATION: Activities 2, 3 and 4 to be done on A4 sheets and filed in a neatly covered folder. Draw or paste pictures of your visualization.

NOTE: Revise the syllabus completed so far.

हिंदी

ग्रीष्म योजना कार्य (Summer project)

नन्ही कलम से

1. लंबे समय से चल रहे LOCK DOWN में प्रतिदिन आप बच्चे नए-नए अनुभवों के दौर से गुजर रहे हैं। इस दौरान औपचारिक शिक्षण(Formal Teaching) के साथ-साथ आपकी छिपी प्रतिभा अनेक प्रकार से अभिव्यक्त हुई है ।
2. अपने इन नए अनुभवों को साकार रूप प्रदान करने के लिए अपनी नन्ही कलम से किसी भी रचना का निर्माण कीजिए।

निम्नलिखित में से किसी एक विषय का चुनाव कीजिए-

- कहानी लेखन (1 कहानी)
- कविता लेखन (2 कविताएँ)
- स्लोगन (5 स्लोगन)
- लघु नाटक (1 लघु नाटक)
- डायरी लेखन (5 पृष्ठ)

अपने हर अनुभव के साथ आप आकर्षक चित्र निर्माण भी कर सकते हैं ।

3. समस्त कार्य के लिए आप ड्रॉइंग शीट अथवा किसी भी प्रकार की रंगीन शीट का प्रयोग कर सकते हैं ।
4. चित्र निर्माण किसी भी प्रकार के रंगों के प्रयोग द्वारा किया जा सकता है ।
5. आवरण पृष्ठ(cover page) का निर्माण अवश्य करें और आवरण पृष्ठ का शीर्षक “नन्ही कलम से” होना चाहिए ।
6. अंतिम पृष्ठ पर अपना नाम,कक्षा,वर्ग अवश्य लिखें ।

MATHEMATICS

Activity 1, 2 and 3 are to be done on an A4 size coloured sheet and put in a folder.

Activity 1.

(a) To verify that addition is commutative for whole numbers, by paper cutting and pasting.

(b) To verify that multiplication is commutative for whole numbers, by paper cutting and pasting

Learning Objective : To understand that addition as well as multiplication are commutative for whole numbers.

Pre requisite : (i) Knowledge of addition and multiplication of whole numbers.
(ii) Knowledge of commutative property of whole numbers.

Materials required : Grid papers, a pair of scissors and glue

Procedure (a) : (a) To verify $3 + 4 = 4 + 3$

Step 1. Cut out two strips each of length 3 units from a grid paper and shade them with any colour (say Red) Fig. 1(a).

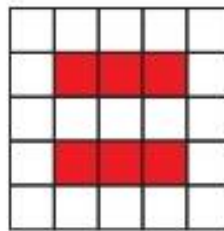


Fig 1(a)

Step 2. Cut two strips each of length 4 units from a grid paper and shade them with different colour (say Blue) Fig. 1(b).

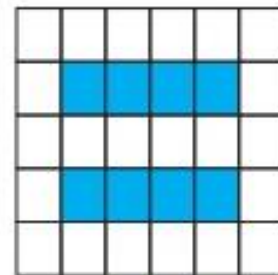


Fig 1(a)

Step 3. For representing $3 + 4$, paste one strip of length 3 units and then paste another strip of length 4 units in the same line on the grid paper without leaving any gap Fig. 1(c).

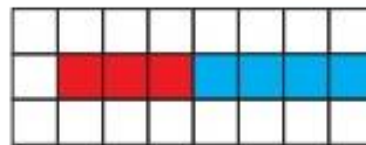


Fig 1(c)

Step 4. For representing $4 + 3$, paste one strip of length 4 units and then paste another strip of length 3 units in the same on the same grid paper line without leaving any gap Fig. 1(d).

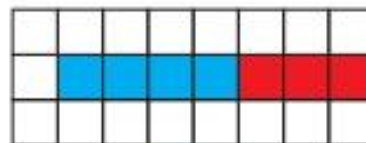


Fig 1(d)

Step 5. Now, compare (by counting number of boxes) the length of strips obtained in Step 3 and Step 4.

Are they equal?

Step 6. Repeat the activity for some more pairs of whole numbers and write your result.

Observations:

Number of shaded boxes in the presentation of $3 + 4 = \dots\dots\dots$

Number of shaded boxes in the presentation of $4 + 3 = \dots\dots\dots$

Thus, $3 + 4 = 4 + 3$

Hence addition is commutative for whole numbers.

Procedure (b): To verify $3 \times 4 = 4 \times 3$

Step 1 Cutout three strips each of 4 boxes from a grid paper and shade them with any colour (Say blue).

Step 2 Place them on a grid paper to form a rectangle as shown in Fig. 1(d)

Step 3 Now cutout 4 strips each of length 3 units from the grid paper. Colour them (say Red) and place them on the same grid paper to form a rectangle as shown in Fig. 1(e)

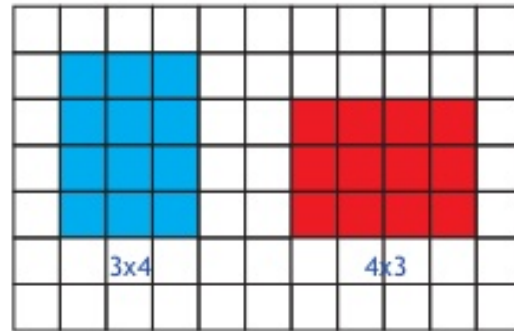


Fig 1(e)

Step 4 Now compare the number of boxes in each of the two rectangles obtained. Are they equal?

Step 5 Repeat the activity for some more pairs of whole numbers and write your result.

Observations: Number of shaded unit squares in the representation of $3 \times 4 = \dots\dots\dots$

Number of shaded boxes in the representation of $4 \times 3 = \dots\dots\dots$

Thus, $3 \times 4 = 4 \times 3$

Hence, multiplication is commutative for whole numbers.

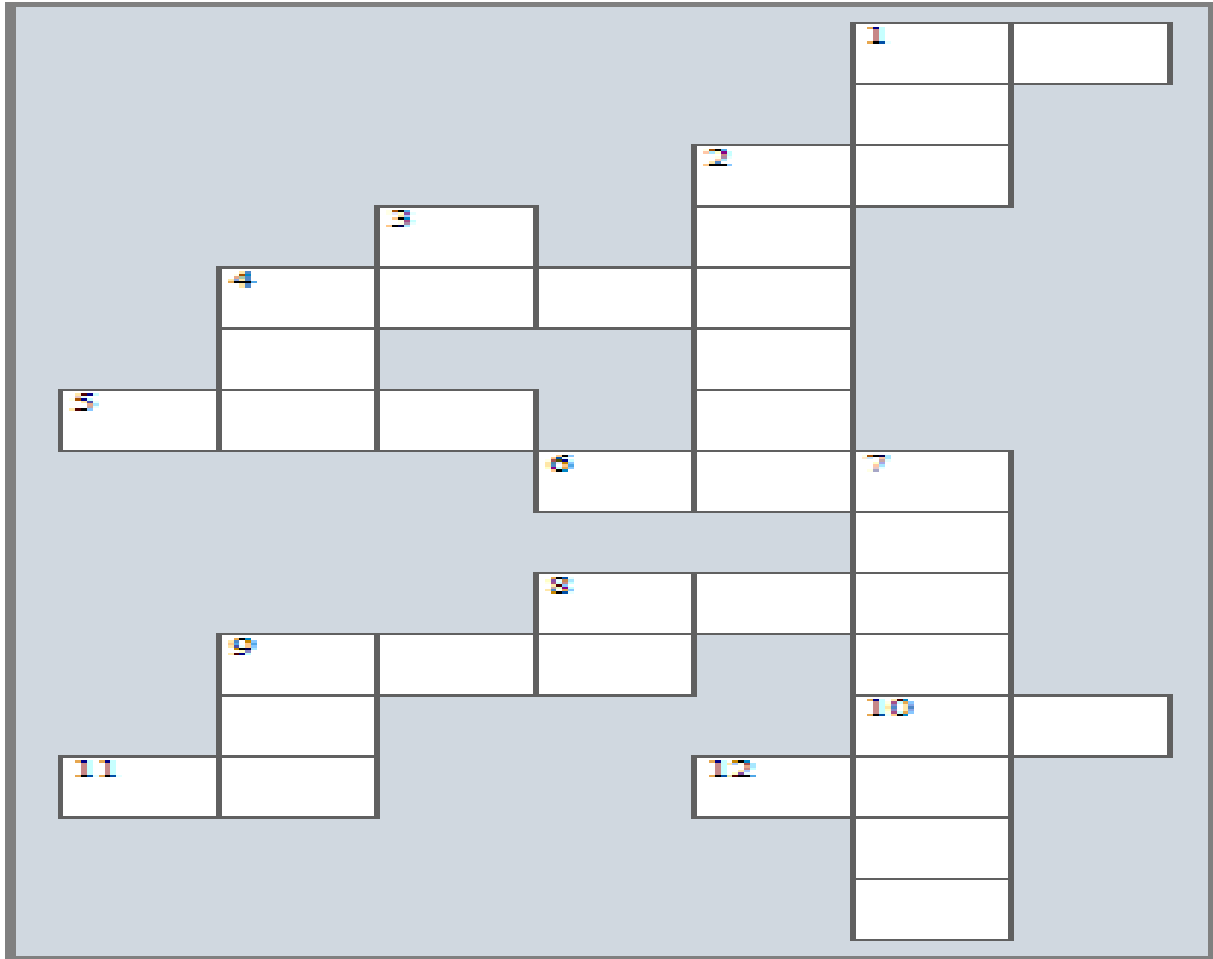
Activity 2:

Students are required to make a project on line symmetry. The students have to give information on

- i) Line symmetry in alphabets (A to Z)
- ii) Line symmetry in digits (0 to 9)
- iii) Line symmetry in 2 dimensional geometrical shapes like line segment, angle, equilateral triangle, isosceles triangle, scalene triangle, parallelogram, rectangle, rhombus, square, kite and circle.
- iv) Students also have to paste five pictures depicting examples of line symmetry in daily life.

Activity 3:

Solve the following Crossword Puzzle



Across

1. How many two - digit numbers have no repeated digits?
2. What is the time 120 minutes before noon?
4. Rs 38 = _____ paise
5. _____ + 60 + 4 = 464
6. 15 weeks = _____ days
8. $(56 + 14) \times 2$
9. Solve $9 + 99 + 999 = 9 \times$ _____
10. What do you get if you add 3 to 33 three times?
11. What does a Roman Numeral LXXIV represents?
12. $(2 + 3 + 4) \times 10 = 40 + 30 +$ _____

Down

1. Solve $(5 \times 20) \times 8$
2. 1 Km = _____ cm
3. Rohan's pet Edgar cleans his teeth twice a week. He changes his toothbrush every time he uses it. How many brushes does he needs every month?
4. 5 hours = _____ minutes
7. Write in number: Fifty-five million sixty four thousand forty nine
8. I listened to 6 songs before the one I'm listening now and I will listen to 6 more after this one. Altogether, that's _____ songs
9. 6 days = _____ hours

Note:

Students are required to revise the syllabus of mathematics done so far in Online classes.

GENERAL SCIENCE

1. Activity: Staying Healthy the Cheaper way

Task 1

Search internet/any other sources and find out easily available local, cheaper alternative food items that can be included in diet to make it whole some and easily affordable.

E.g.: 1. Expensive dry fruits/nuts can be replaced by groundnuts, chestnut etc.

2. Easily available chutney can replace expensive apple

Task 2

Make display cards on coloured sheets and put them on class display board.

Task 3

Value based – inform your maids, sweepers or other helping hands about these food items that help to stay healthy.

2. Revise the syllabus covered so far.

- a. Chapter- Components of food
- b. Chapter- Sorting materials into groups

Social Science

"If there is magic on this planet, it is contained in water"- Loren Eiseley

Design a creative Poster on the topic allotted to your section

Instructions for material to be used: Colour/ paint an A3 sized sheet (any colour/ material)

CLASS/ SEC	INSTRUCTIONS TO BE FOLLOWED
VI A	To show a comparative study of water resources and water usage in India and USA
VI B	Depict the practices followed to reduce consumption of water in India and USA
VI C	Show the comparative study of water resources and water usage in India and Saudi Arabia
VI D	Illustrate the practices followed to reduce consumption of water in India and Saudi Arabia
VI E	Exhibit the comparative study of water resources and water usage in India and Germany
VI F	Show the practices followed to reduce consumptions of water in India and USA
VI G	Exhibit the comparative study of water resources and water usage in India and Germany
VI H	Display the comparative study of water resources and water usage in India and Saudi Arabia