Dear Children

You have been locked down for a long time.Truly injustice! But there was no other option. Now summer break is on its way, but this time it's not much awaited. Reason you know already.

So to keep you busy, some work is being assigned to you. Once again you are being reminded that this is the time of excellence, mediocre do not have any place anywhere and excellence can be achieved with only efficiency and proficiency. Efficiency is how much can you work and proficiency is how qualitatively you can do the work. So while doing the work, check your efficiency and proficiency together to check the level of your excellence. What more did you do in holidays besides, do let us know. You are capable of any miracle.

Just Try!!!!!!

ग्रीष्म अवकाश हेतु हिंदी गृहकार्य

प्रियबच्चों ,

अवकाश एक ऐसा शब्द है जो तुरंत आपके चेहरे पर मुस्कान लाताहै। यह वर्ष का वह समय है, जिसकी आप उत्सुकता से प्रतीक्षा करते हैं एवं आनंद की अनुभूति करते हैं, लेकिन इस आनंद के साथ समय का सदुपयोग भी करना है ,क्योंकि अध्ययन छात्र के जीवन का अभिन्न अंग है1

अतःथोड़ा गृहकार्य भी है जो आपको 30 दिनों में करना है।

(1) - सर्वप्रथम अपनी पाठ्यपुस्तक *बालरामकथा* को पढ़ें, कथा के अंत में दिए गए *पृष्ठसंख्या 85* पर दिए गए *प्रश्नसंख्या 1 से 14 और प्रश्नसंख्या 16* के उत्तर आपको कथा पढ़कर लिखने होंगे।आप के संज्ञान में रहे कि प्रश्नों के उत्तर के लिए न्यूनतम शब्द सीमा 25 एवं अधिकतम शब्द संख्या 30 है।

बस इतना ही

धन्यवाद, आप सपरिवार स्वस्थ एवं सुरक्षित रहें।

Subject -- English

- Reading is the best way to grow intellectually.
  - What can be the better option than reading the supplementary book "A Pact with the Sun", prescribed for your class!
  - Read the lessons 1 to 5, try to understand and if you find any new word, search its meaning in dictionary. It's a very good habit, as in searching one word you come across many other new words also.
  - After going through the lessons 1 to 5 thoroughly, do all the exercises given in the lessons in English notebook. Try to do the work without any help.

Subject – Social Science

- Recently a cyclone 'Amphan' hit the east coast of India. There was already warning about it by the Meteorological department.
Prepare a report and support it with pictures, mentioning its ---

- Cause
- Intensity
- Name of the states that suffered the heavy devastation
- The magnitude of devastation
- Pre and post measures taken by the government

Subject- Science

➢ Topic – **Fibre to Fabric**

- Since time immemorial, natural fibers have been used for apparel and home fashion. Read the lesson 'Fibre to Fabric' and try to understand it. For your convenience to understand the topic, we are forwarding some videos on it along.
- Today many man-made fibers have been developed into beautiful fabrics that are being used by top notch designers.
- Try to know about top notch designers of India and the cost of dresses designed by them.
- Now imagine you are a fashion designer. Design any one dress, and show it on a paper. But the condition is that you can use only black and white colour. Quote its price too.
  All the best!

➢ Imagine yourself to be a **young scientist**. Invent something and convert it into a model. Make a folder to document the work done for it as—

- Reason of idea to make the model
- Things required
- Steps done
- Functioning

- Usefulness to mankind
- Price tag on your model

Subject-Mathematics

Day – 1

Rounding Worksheet(I)

Round the following numbers to the accuracy of the underlined digit. For example, 56_7_8 means you round to the nearest ten.

1 a. 3**6**279

1 b. 48**9**85

2 a. 25**6**5

2 b. 41**3**547

3 a. 20**2**09

3 b. 2**2**64

4 a. 10**6**107

4 b. 9939**3**6

Day – 2

Rounding Worksheet(II)

5 a. 72**9**168

5 b. 51**5**609

6 a. 5263**0**4

6 b. 85**8**90

7 a. 62**8**41

7 b. 7**9**262

8 a. 1 2 **9** 8 1   **8 b.** 5 **0** 0 0

Day – 3
Word Problems

Q.1)3 ships carrying soldiers were sent out during a war. Each ship had 51 soldiers. About how many soldiers in total were sent? Choose the better estimate.
   i)   1500   ii)   150

Q.2)A new software was dispatched to 28 stores in 81 CD's each. About how many CD's total were dispatched amongst all stores? Choose the better estimate.
   i)   2400   ii) 1800

Q.3)59 injections of vaccination were sent to 31 hospitals each. About how many total vaccination injections were sent out? Choose the better estimate.
   i)   1500   ii)   1800

Q.4)A seminar was conducted in 11 different locations in the country with 78 visitors in each instance. About how many visitors in total attended the seminar throughout the county? Choose the better estimate.
i) 1100   ii)   800

Q.5)A new product released made 67 sales per week for 9 weeks. Approximately how many sales were made in total? Choose the better estimate.
   i)   600   ii)   900

Day – 4
Word Problems

Q.6) From an airport 21 planes flew from one city to another, each plane carrying 92 passengers. Approximately how many passengers traveled totally? Choose the better estimate.
   i)   1600   ii)   2000

Q.7) In a school cafeteria, 73 lunch trays are used every day. Approximately how many lunch trays are used in 29 days? Choose the better estimate.

i)   2500   ii)   2100

Q.8) An apparel factory produces 69 shirts each day. Approximately how many shirts are produced in 42 days? Choose the better estimate.
    i)   2800   ii)   2400

Q.9) An ATM machine is used by 48 people each day. Approximately how many people in total use it in 31 days? Choose the better estimate.
    i)   1500   ii)   1200

Day – 5

ACTIVITY 26

Area of a Circle

Materials

Hard wood, saw, glaze papers, scissors, adhesive, scale, pencil, eraser, sketch pens, drawing sheets, etc.

Preparation

(i) Cut a circular and a rectangular piece of wood.

(ii) Make a border on all the four sides of the rectangular piece of wood. Paste a coloured paper on the circular piece.

(iii) Cut the circle into 16 sectors of equal measurements.

(iv) Make a trace copy of these sectors and paste them on the rectangular sheet as shown in the figure. These sectors so arranged form a rectangle whose dimensions are πr and r.
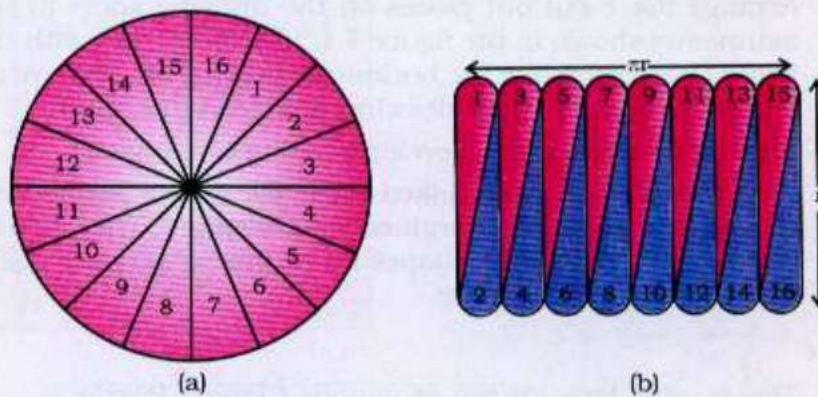

(a)   (b)

Fig. 4.1.26

Demonstration

The formula for the area of the circle can be explained as below:
    Area of the rectangle = $l \times b$

Here l is $\dfrac{1}{2}$ circumference of the circle and $b = r$ (radius).

So $l \times b = \dfrac{1}{2} \times 2\pi r \times r = \pi r^2$ square units.

Note

(i) Take one sector which can be taken as a triangle with radius of the circle as approximate height of the triangle. Then

Area of triangle $= \frac{1}{2} \times r \times b$ (b = base of the triangle)

Therefore, area of circle $= 16 \times \frac{1}{2} \ r \times b = \frac{1}{2} \ r \ (16 \times b)$

$$= \frac{1}{2} \ r \times 2 \ \pi r = \pi r^2 \text{ sq units}$$

Here, $(16 \times b)$ is equal to the circumference of the circle.

(ii) For more accurate result the number of sectors may be taken as large as possible.

Use

- Model can be used for explaining the formula of the area of a circle as shown in figure 4.1.26.

After day 5 mental ability worksheets are to be solved. Worksheet will be sent on day to day basis till the book is made available to you.

Most Interesting: Learning by Doing!!!!!!

Science activities and Art & Craft work is truly enthralling and entertaining. Don't miss it. We are here to help you. In vacation every other day, either one science activity or art & craft activity will be sent to you.

So, try them and if questions come in your mind while doing the activities, do record them.

Enjoy the summer break the best,

Engage yourself in something great,

Enrich yourself with the result of activities,

Energize yourself with the achievements that you have,

And finally,

Enlighten yourself with the grand experience of

Summer Break……

Happy Summer Sabbatical!

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<u>Class Teacher</u>

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