Col Satsangi's Kiran Memorial Public School

(a unit of AIPECCS society)

Satbari, Chattarpur, New Delhi – 110074

SUMMER HOLIDAY HOME ASSIGNMENT 2022-23   CLASS - VIII

Subject: English

- Beginners will do Level A.
- Learners will do Level A and B.
- Achievers will do all levels A,B and C.

LEVEL A

1. Write two pages of handwriting daily.

2. Write the poem 'The Ant and The Cricket' on a chart.

3. Learn questions and answers of the chapters- "The best Christmas present in the world", "Bepin choudhary Lapse of Memory" and "How the camel got his hump".

4. Read the Chapters 'The Selfish Giant' and 'The Treasure Within'.

5. Write a paragraph on "My future plan".

6. Make a chart on "Tense".

LEVEL B

1. Write one page of handwriting daily.

2. On A4 sheet, write down the Central theme of the poem 'The Ant and The Cricket'.

3. Write a short note on 'Favourite Indian Writer' or 'Favourite Athlete'.

4. There are six common phrasal verbs that include the verb 'break'. Write their meanings and use them in sentences:-
    a. Break away
    b. Break down
    c. Break into
    d. Break off
    e. Break out of
    f. Break through

5. Read a Novel of your choice and write a review.

LEVEL - C

1. In the poem 'The Ant and the Cricket' you read the term "Four Legged Cricket". Pen down your thoughts on it and also write how is the poem related to four legged Cricket?

2. Write one page of handwriting daily.

3. Write advantages and disadvantages in the form of paragraph on "Technical gadgets".

4. On a Chart Paper, write a short note on the following with 2 examples each:-

    Prose   Poetry   Fiction   Non- Fiction

5. Read a novel of your choice and write a review.

SUBJECT : SOCIAL SCIENCE

Level A

1. Make a beautiful project file and cover the following topics.

(a) Current affairs

(b) Resources

(c) land, soil, water, vegetation and wild life

(d) From trade to territory

(e) Secularism

(f) Importance of dates

(g) colonization

(h) Dr. Bhimrao Ambedkar

(i) Fundamental Rights in our Constitution

2. Visit an exhibition and trade centre like Dilli haat INA and write your expirence in the project file.

Level B

Make a beautiful lap book for the class. Take any one of the above topic of your choice.

Level C

Read and learn the following chapters from PPT/PDF/Books

(1) Geography – Chapters 1 and 2

(2) History – Chapters 1 and 2

(3) Political Science- Chapters 1 and 2

(4) Learn the terms of above chapters also write them in a note book/project file

हिंदी-परियोजना कार्य   कक्षा : 8

* अपना परिचय > नाम, कक्षा, स्कूल नम्बर, विषय, फोन नः, ई-मेलपता

* तत्सम् शब्द - तद्भव शब्द

* उपसर्ग- प्रत्यय

* विलोम शब्द

* पर्यायवाची शब्द

* मुहावरे, अर्थ एवं वाक्य

* संज्ञा > परिभाषा एवं भेद उदाहरण सहित

* सर्वनाम >   ,,   ←

* विशेषण >   ,,   ←

* कारक >   ,,   ←

* अनुच्छेद लेखन > मेरा प्रिय नेता
                 मेरा प्रिय त्यौहार

* पत्र – लेखन > एक प्रार्थना पत्र
                एक व्यक्तिगत पत्र

* एक स्वरचित कविता

Make a file of the above said topics and learn question-answers of lesson one & two from Vasant Book and chapter one from Bharat ki khoj.
तत्सम–तद्भव उपसर्ग–प्रत्यय / विलोम / पर्यायवाची शब्द / मुहावरे 15–15 लिखने हैं।

SUBJECT: MATHEMATICS

LEVEL - A

1. Find the squares from 2 to 50 and learn.

2. Write the cubes from 2 to 50 and learn.
3. Learn multiplication tables from 2 to 30 and also write each table 3 times.
4. Learn and write basic definitions – integers, equations, linear equation in one variable, Rational numbers, Natural number, whole number, Algebraic Expression, Solution of the equation, Quadrilaterals and its types.
5. Construct angles of 15°, 45°, 60°, 75°, 90°, 105°, 120°, 135°, 150° with the help of compass.

LEVEL – B

1. Give one example each to show that the rational numbers are closed under addition, subtraction and multiplication. Are rational numbers closed under division? Give two examples in support of your answer.

2. Find and learn the square root of
   2,3,5,6,7,8,10,11,12,13,14,`15,17,18,19,20

3. Practice of LCM, HCF, fractions, factors (do 15 questions of each type).

4. Make a chart for basic formula , Quadrilateral and its properties related to CLASS VIII NCERT Book/ syllabus. (For chart you can use Flash cards using old cards or by covering available cardboard of notebook size) or do it in your notebook.

LEVEL –C

1. **Revise Chapters 1, 2 and 3 in your HHA notebook.**

2. Write in brief about 5 Indian and 5 foreign mathematicians - contribution in the field of Mathematics.

3. Make model (any one) from – Percentage, Circle, Mensuration, Cuboid, Cone, Cylinder and Sphere.

4. Maths Lab Activity:

Maths Lab Activity

$1\frac{2}{7}$
$-\frac{5}{14}$

$\frac{5}{4}$
$-\frac{3}{7}$

$\frac{1}{3}$
$+\frac{5}{15}$

$\frac{3}{5}$
$+\frac{2}{10}$

$\frac{5}{21}$
$+\frac{1}{7}$

$\frac{4}{5}-\frac{2}{15}$

$\frac{1}{4}$
$+\frac{2}{8}$

$\frac{1}{8}$
$+\frac{1}{4}$

$\frac{1}{12}$
$+\frac{2}{5}$

$\frac{7}{8}$
$-\frac{3}{16}$

$\frac{1}{2}$
$+\frac{3}{4}$

$\frac{9}{10}$
$+\frac{1}{4}$

$\frac{5}{3}$
$-\frac{8}{9}$

$\frac{7}{8}$
$+\frac{2}{3}$

$\frac{4}{9}$
$+\frac{6}{7}$

$\frac{2}{6}$
$+\frac{2}{12}$

$\frac{1}{8}$
$+\frac{1}{9}$

$\frac{4}{20}$
$+\frac{1}{4}$

$2\frac{1}{4}-1\frac{3}{8}$

$\frac{1}{15}$
$+\frac{3}{21}$

$\frac{4}{9}$
$+\frac{1}{3}$

$\frac{1}{6}$
$+\frac{15}{24}$

$1\frac{2}{5}$
$-\frac{6}{10}$

$\frac{17}{21}$
$-\frac{2}{7}$

Colour Code

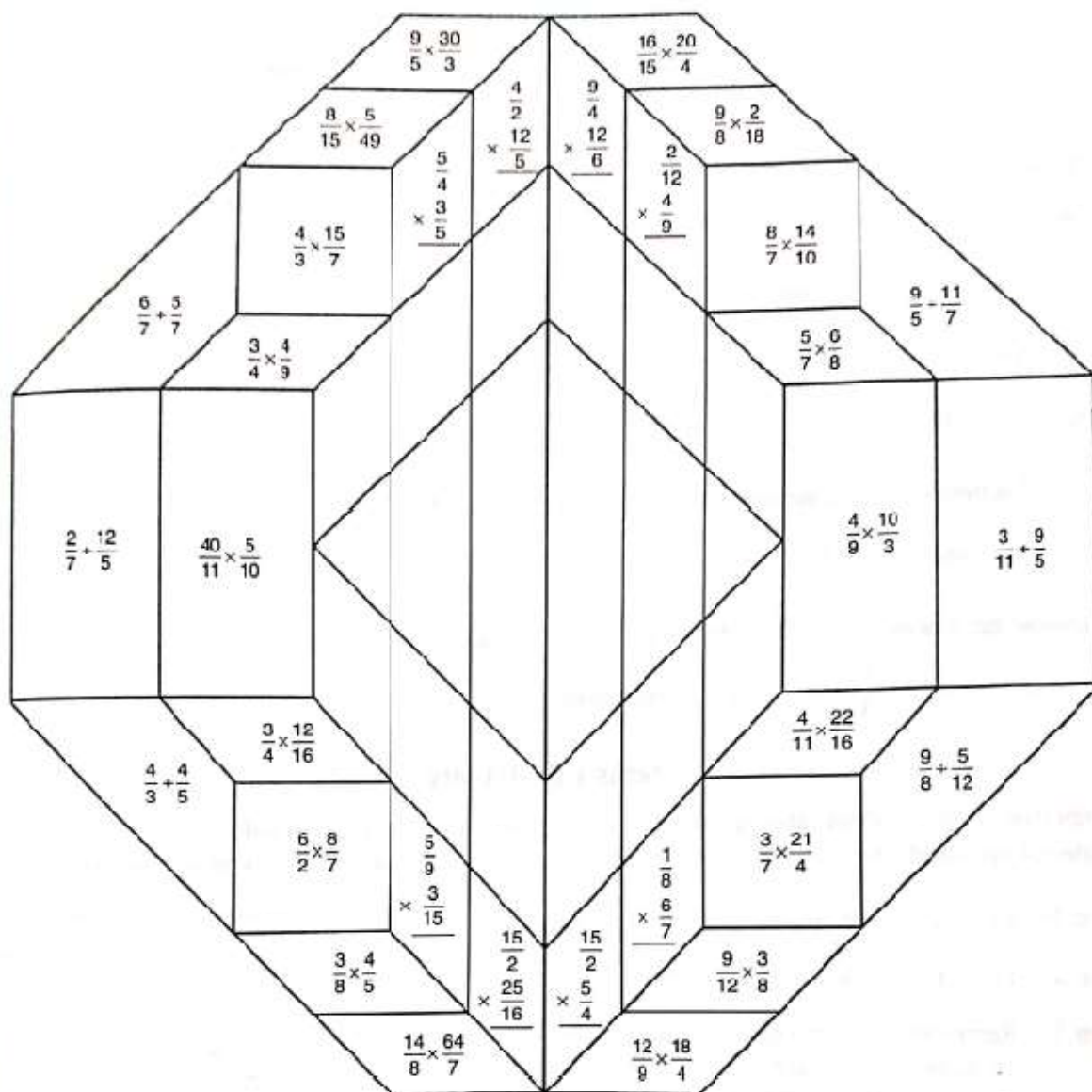| Answer	Colour
greater than 0 and less than or equal to ½	orange
greater than ½ and less than or equal to 1	red
greater than 1	yellow

Steps to follow:

- Solve the problems.
- Convert the answers in the lowest term.
- Colour the shapes using the given colour code.
- Complete the design by colouring the remaining shapes with the colours of your choice.

Maths Lab Activity

$\frac{9}{5} \times \frac{30}{3}$

$\frac{16}{15} \times \frac{20}{4}$

$\frac{8}{15} \times \frac{5}{49}$

$\frac{4}{2}$ $\times$ $\frac{12}{5}$

$\frac{9}{4}$ $\times$ $\frac{12}{6}$

$\frac{9}{8} \times \frac{2}{18}$

$\frac{5}{4}$ $\times$ $\frac{3}{5}$

$\frac{2}{12}$ $\times$ $\frac{4}{9}$

$\frac{4}{3} \times \frac{15}{7}$

$\frac{8}{7} \times \frac{14}{10}$

$\frac{6}{7} \div \frac{5}{7}$

$\frac{3}{4} \times \frac{4}{9}$

$\frac{5}{7} \times \frac{6}{8}$

$\frac{9}{5} \div \frac{11}{7}$

$\frac{2}{7} \div \frac{12}{5}$

$\frac{40}{11} \times \frac{5}{10}$

$\frac{4}{9} \times \frac{10}{3}$

$\frac{3}{11} \div \frac{9}{5}$

$\frac{3}{4} \times \frac{12}{16}$

$\frac{4}{11} \times \frac{22}{16}$

$\frac{4}{3} \div \frac{4}{5}$

$\frac{9}{8} \div \frac{5}{12}$

$\frac{6}{2} \times \frac{8}{7}$

$\frac{5}{9}$ $\times$ $\frac{3}{15}$

$\frac{1}{8}$ $\times$ $\frac{6}{7}$

$\frac{3}{7} \times \frac{21}{4}$

$\frac{3}{8} \times \frac{4}{5}$

$\frac{15}{2}$ $\times$ $\frac{25}{16}$

$\frac{15}{2}$ $\times$ $\frac{5}{4}$

$\frac{9}{12} \times \frac{3}{8}$

$\frac{14}{8} \times \frac{64}{7}$

$\frac{12}{8} \times \frac{18}{4}$

Steps to follow:

- Use the common factors to simplify.
- Find the product.
- Colour the shapes using the given colour code.
- Complete the design by colouring the remaining shapes with the colours of your choice.

Colour Code

Answer	colour
greater than 0 and less than 1	blue
greater than 1 and less than 4	orange
greater than 4	brown

Subject : Science

Level A

1. Gather information about at least four scientists and about their contributions.
2. Make a small project on useful and harmful effects of micro organisms.
   Draw them neatly.
3. Make a list of organic foods that your family uses regularly.
4. Make a list of synthetic items that your family uses regularly.
5. Make a mini model of drip irrigation.

Level B

1. Prepare a file by collecting samples of synthetic fibres available at home and label them and also mention how they are different from natural fibres
2. Collect the information from electronic media and prepare weather report from 1st June to 30th June.
3. Germinate some seeds. Watch the changes and note down your observations.
4. Make a list of our country's various harvest festivals.
5. Must do the exercises of Level A and B as well.

Level C

1. Prepare index cards of four metals and four non metals. Mention their physical properties and uses.
2. Make a model of Nitrogen Cycle.
3. Must do the exercises of Levels A, B and C as well.
4. **Revise chapter 1, 2, 3, 4 for PT – I.**

   NOTE: Complete your assignment with the materials available at home. Do not trouble any one at home.
   STAY HOME. STAY SAFE.

Class 8 : COMPUTER

- Chapters - 01 & 2
- Learn and write
- Fill in the blanks,
- True - false,
- MCQ and Q/A.
- Draw different parts of input and output devices.