MAHARAJA AGRASEN MODEL SCHOOL

CLASS-VI (2021-22)

SUMMER HOLIDAYS HOME WORK

English

Q1. Imagine you have an opportunity to enjoy a holiday trip with your favourite comic character. Create a comic strip of 2-3 pages depicting your experiences of the trip.

Key points for creating a comic strip:

• Four square-shaped boxes or panels on each page.

• You can draw images or paste a printout of the characters.

• Brief descriptive prose.

• Dialogues should be in word balloons/speech bubbles.

• Your comic strip should not have more than 4 characters.

Q2. Summer break also provides an opportunity to indulge oneself in pleasure reading. You may relish the writings of several authors. Few are suggested below.

[Grade 4 to Grade 6 | Free Kids Books](#)

[Online Books for Kids - Funbrain](#)

[Children | Open Library](#)

[Free eBook library | Oxford Owl from Oxford University Press](#)

Q3. Grammar Practice: Present Tense- Simple, Continuous, Perfect, Perfect Continuous

Simple Present or Present Continuous? Circle the correct option.

1. It rains / it's raining very hard - maybe we shouldn't go out.

2. I eat / I'm eating lunch with my co-workers every day.

3. My son hates / is hating vegetables. He never eats them.

4. William's not home right now. He travels / He's traveling.

5. These shoes don't fit / aren't fitting. I need a larger size.

6. From the tone of her voice, it sounds / it's sounding like she's angry.

7. My sister has / is having long black hair.

8. I usually go / I'm usually going to the gym in the morning.

9. My car is being repaired, so I rent / I'm renting a car this week.

10.I confess / I'm confessing that I have a drinking problem.

Present Perfect or Present Perfect Continuous:

1. How long _____ Gerry? *(you/to know)*

2. You look dirty. What _____ all day? *(you/to do)*

3. How many times _____ New York? *(Charles/to visit)*

4. She _____ French words for hours, but she still doesn't remember all of them. *(to learn)*

5. The children _____ videos for two hours. *(to watch)*

_____ hard today? *(he/to study)*

6. My father _____. *(never/to smoke)*

7. Sorry, I'm late. _____ for long? *(you/to wait)*

8. We _____ Lisa recently. *(not/to see)*

9. He _____ his essay all day, but he _____ yet.
   Mode of submission--Subject-teacher's mail id (will be shared in class WhatsApp group)

<div align="center">विषय : हिंदी</div>

१. दिए गए विषय पर अपने अनुक्रमांक (रोल नं ०) के अनुसार हास्य कविता लिखिए |

* प्रकृति (१-८)

* समय की कीमत (९-१६)

* दादाजी और नाना जी के जमाने की पढ़ाई (१७ -२४)

* आज क्या बनाऊँ ------ (२५ -३२)

*हैल्दी खाना -------(३३ -४५ तक)

२. अपनी माता के प्रति आपके मन में कैसी भावना है ? 'मातृ दिवस" पर अपने विचार व्यक्त करते हुए उन्हें एक सुंदर सा कार्ड बनाकर उस पर लिखिए |

३".किताबें हमारी सच्ची मित्र " इस विषय पर अपने विचार ८ से १० पंक्तियों में लिखिए |

४. आप पर्यावरण को स्वच्छ ,सुरक्षित और स्वस्थ कैसे रखेंगे ? इस विषय पर एक पोस्टर बनाइए अथवा चित्रों की सहायता से एक स्लोगन लिखिए |

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SUBJECT-MATHEMATICS

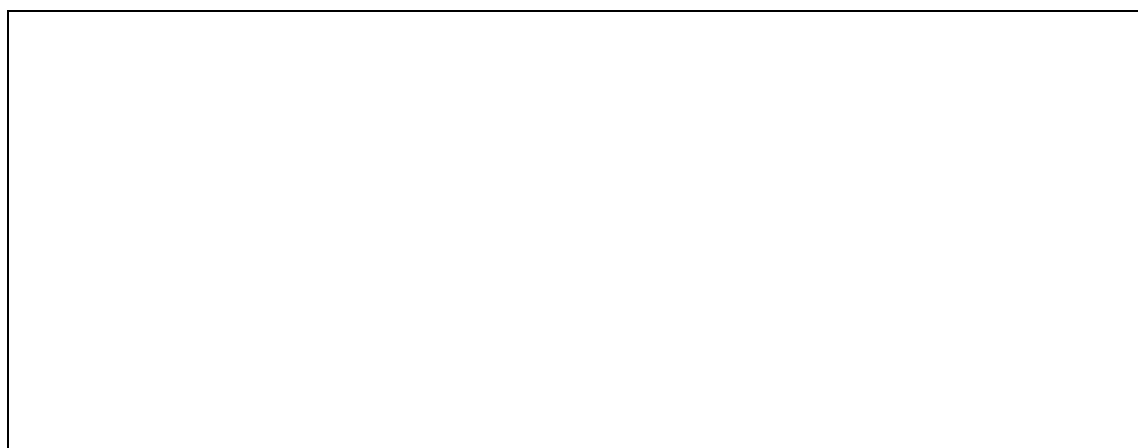## NOTE: MAKE A PPT OR VIDEO REPRESENTING GIVEN TWO ACTIVITES

ACTIVITY 1

The Sieve of Eratosthenes

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70

71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

TO FIND THE PRIME NUMBERS FROM 1 TO 100 STEP1: COLOUR THE SQUARE HAVING 1 AS BLUE.

STEP2: COLOUR RED ON ALL SQUARES WITH MULTIPLES OF 2 BUT NOT 2

STEP3: COLOUR YELLOW ON ALL SQUARES WITH MULTIPLES OF 3 BUT NOT 3

STEP4: COLOUR GREEN ON ALL SQUARES WITH MULTIPLES OF 5 BUT NOT 5

STEP 5: COLOUR ORANGE ON ALL SQUARES WITH MULTIPLES OF 7AND 11

THE UNCOLOURED NUMBERS ARE PRIME NUMBERS

We are going to use the **Sieve of Eratosthenes** to find all the prime numbers up 100.

Start by colouring in the number 2. All the other multiples of 2 are not prime, so draw a diagonal line through them with the same colour to show this.

Choose another colour to find the next uncrossed number (it should be 3). Colour it in. Draw a line through all of its multiples.

Continue this process until all numbers are coloured, or crossed out.

Questions

A prime number has no factors other than 1 and itself. List all the prime numbers up to 100.

A composite number can be written as the product of two whole numbers other than 1 and itself. Show that the following numbers are composite:

28	35	42

56	91	120

"2 is not really a prime number because all the others are odd." Do you agree or disagree? Justify your answer.

ACTIVITY 2

Let's find symmetry in shapes!

You will need some shapes.

Folding Test

You can find if a shape has a Line of Symmetry by **folding it**.

When the folded part sits perfectly on top (all edges matching), then the fold line is a **Line of Symmetry**.

An Octagon

Let us try the Octagon (the 8-sided shape) Is

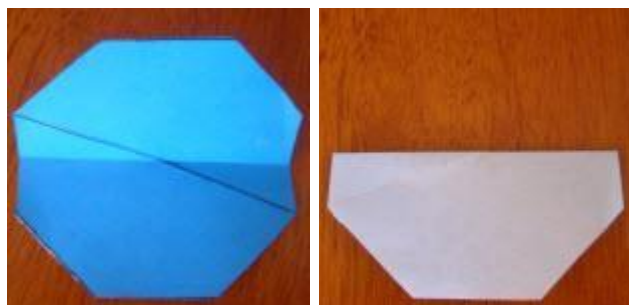this a Line of Symmetry?

Let's try folding it:

Yes! When folded over, the edges match perfectly
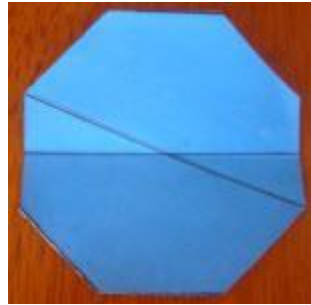
So let us draw it on:
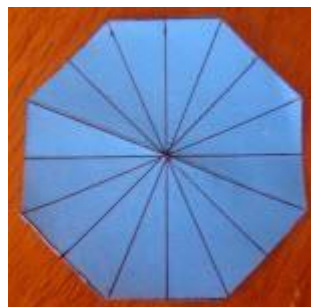

I found another way too:
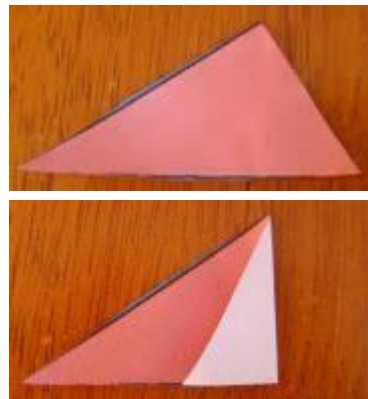
Tried this   It works!

So let us draw it on, too:

In fact, I found **8** Lines of Symmetry:

Triangles

How about this Triangle?

I tried this fold, but it didn't work:

Can you find **any** Lines of Symmetry in that triangle? I couldn't.

But how about other types of triangle?

Your Turn

Now it is **your turn** ... pick 5 DIFFERENT SYMMETRIC SHAPES and find their Lines of Symmetry. Make a table showing SHAPE AND LINE OF SYMMETRY

SHAPE	NUMBER OF LINE OF SYMMETRY

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SCIENCE

Activity−1: Nutrients

To find out the nutrients present in different packed food (health drinks) present in your house.

Procedure

1. Collect 5 packed items that are available at home.

2. Make a list of nutrients found in them.

3. Find out the amount of each of the nutrients present in them.

4. Note down your observations.

5. From your observations, which food items are good or not good for your health.

OR

Activity–1: Cheaper Alternative of Nutrients

To find out the cheaper alternative of health drinks/packed food.

Procedure

1. Now for the same nutrients find out the alternative natural source such as vegetable and fruits.

2. Calculate the cost of natural source of nutrients and compare it with that of the health drink/packed food.

3. Find out which one is costlier.

4. On a sheet compare the readymade health drink/packed food and the vegetables/fruits in terms of cost and nutrient content.

Activity–2: Role of different nutrients

To identify the nutrients present in different foods and as per the function they perform.

Procedure

1. Write names of nutrients present in different fruits and vegetables (sources of food).

2. Paste the pictures of different sources of nutrients in your notebook.

3. Also mention the importance of each nutrient.

Nutrient	Source	Importance
Proteins	Pulses	Milk Helps in building muscles

4. Categorize different sources into these groups as per the function they perform

a) Body building

b) Energy giving

c) Protective food

5. Now plan the diet chart for

a) Growing children

b) Old grandparent

Activity–3: Water in different food items

To test the presence of water in different food items.

Procedure

1. Take 50g of each of Rajma seeds, coriander leaves and potato slices, in separate plates.

2. Expose them to sunlight for 4 days and observe.

3. Also mention the food samples having less water.

Is there any advantage of having less water content in food items? (think and write)

Identify the various food items rich in water. Which of them is/are a part of your daily diet. Collect their pictures and paste in your notebook.

TASK: Make some bird feed with some nuts and grains and leave it in your garden/balcony to feed the birds. Keep a bowl of fresh water everyday near the bird feed (value based/life skills)

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SOCIAL SCIENCE

GREEN GOOD DEEDS: PROTECTING OUR FAUNA

1. Birds are very beautiful, colourful agile and chirping melodiously. These species are an important part of the Animal kingdom and our planet. But now a day, many of the birds are threatened or endangered.

   Prepare a short speech of 1 to 2 minutes on the topic 'Let us Protect our Birds lest they get extinct'. Also, make a video of your speech.

2. Animals, like Birds, are inseparable species of our Ecosystem.

Humans even kill wild animals to use their skin, teeth, horns or fur, etc. for various purposes such as decorative articles, medicines, ornaments etc.

We should boycott such activities to protect wild animals from being harmed. Make an e-poster or a poster depicting boycott of such products.

3. In the present scenario, we all are adversely affected by Noise Pollution.
Write an article covering the following points --- a.
Meaning of Noise Pollution.
b. Five harmful effects of noise pollution on living beings.
c. Five ways you should adopt to reduce noise pollution around you.

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सिंस्कृत

१. शब्द पररचय

1 पाठ को पढ़कर अभ्यास वलि कर याद कीवजए

२. बालक का शब्द रूप वलि कर याद कीवजए

३.१-१० सिंख्या वलि कर याद कीवजए

४.सिंस्कृत के पाँच श्लोक याद कीवजए

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COMPUTER SCIENCE

Create a online presentation (minimum 5 slides) in Microsoft PowerPoint using your Office 365 ID on the following topics :

SECTION A, B, C - TYPES OF COMPUTERS
SECTION D, E - INPUT AND OUTPUT DEVICES

Note:

- **For the content take the help from the book (chapter 1) or explore using Internet**
- **The students can work in the Group of 5 students**

GROUP 1	**ROLL NO. 1 TO 5**
GROUP 2	**ROLL NO. 6 TO 10**
GROUP 3	**ROLL NO. 11 TO 15**
GROUP 4	**ROLL NO. 16 TO 20**
GROUP 5	**ROLL NO. 21 TO 25**
GROUP 6	**ROLL NO. 26 TO 30**
GROUP 7	**ROLL NO. 31 TO 35**
GROUP 8	**ROLL NO. 36 TO LAST STUDENT IN CLASS**

Mode of Submission: Please upload the Microsoft PowerPoint on Computer Channel of your Class Teams.

GERMAN

ZAHLEN 1-10

Unscramble

1   I   E   S   N   E   ▢▢▢▢

2   E   Z   I   W   Z   ▢▢▢▢

3   E   R   D   I   ▢▢▢▢

4   E   V   I   R   ▢▢▢▢

5   N   F   F   Ü   ▢▢▢▢

6   E   S   H   S   C   ▢▢▢▢▢

7   I   E   S   N   B   E   ▢▢▢▢▢▢

8   T   A   C   H   ▢▢▢

9   N   U   N   N   ▢▢▢▢

10   Z   N   E   H   ▢▢▢▢

GERMAN

Die Zahlen von 0 bis 20

Fill in the missing number words!

eins, zwei, _____ vier, _____, sechs, _____,

acht, _____, _____

Write the number beside the word!

- Elf _____
- Neun_____
- Sechzehn_____
- Zwanzig_____
- Vierzehn _____
- Drei _____
- Sieben _____
- Null _____
- Zwei _____
- Zwölf_____

Cross out the wrong number word!

- Eins   zwei   drei   fünf
- Zehn   neun   acht   sechs
- Zwölf   acht   neun   zehn
- Fünfzehn   neunzehn   sechzehn   sebzehn
- Zwanzig   neunzehn   sechs   siebzehn

Write the numberword beside the figure!

- 12_____
- 17_____
- 14_____
- 9_____
- 4_____
- 11_____
- 6_____
- 5_____
- 1_____
- 0_____
- 2_____
- 7_____
- 3_____