



RUKMANI BIRLA MODERN HIGH SCHOOL

SESSION 2021 - 2022

CLASS- 5

SUMMER HOLIDAY ASSIGNMENT

Theme – Modern World of Gadgets

"The anxious and unusual times bring unforeseen difficulties but the best of human nature can rise to the challenge."

We all have within us the strength, the patience and the passion to reach the stars to change the world. Let's not fear change: embrace it. Life is all about moving on, accepting changes and look forward to what make us more adaptable and stronger.

Let's not forget that this year vacations are no meant to explore the world outside but present an opportunity to rediscover ourselves while staying home and being safe. Summer Vacation has always been considered to be the most desirable period looked forward by children when they can go beyond academics but let's not make it a challenging situation clouded with the gloominess of Corona Pandemic. So, embark on a journey of fun and adventure by reading books, exercising, meditating, dancing and channelizing your energy in a positive manner. In addition, maintain the momentum and rigour that has been built in the learning through the last few weeks.

So during this unique break when you are homebound, be a source of support and help to your parents, be positive, focused, self disciplined and do live life with enthusiasm and zeal.



General Instructions :-

1. Holiday home work must be done in a very neat and presentable manner. Questions must be done in the given sequence.
2. The child will be assessed for the presentation, neatness, completion of all the given questions and timely submission.

English

"To reduce the spread of COVID-19 isolation is mandatory – but loneliness is not." Imagine one of the modern gadgets is personified and becomes your best friend, illustrate through pictures and dialogues (in form of story or poem) how would you share your feelings with it and also mention any one improvement you would like to make in it and why?

Learn the poem



Hindi

- :- 'आधुनिक संचार के साधनों की यात्रा- प्रारम्भ से लेकर अब तक' विषय को विद्यार्थी कोलाज के माध्यम से प्रस्तुत करें और उस यात्रा का वर्णन अपने शब्दों में 10 से 15 पंक्तियों में लिखिए।



कबूतर



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ई-मेल

- :- कविता कंठस्थ कीजिए।
एक समपर्ण, एक था अर्पण
था जिनका जीवन एक दर्शन।
जन्ममें घर निर्धन के फिर भी पाया विशेष स्थान,
देख भेदभाव बालपन से, हुआ मन बेताब।
मानवता की सेवा करने उठाई आपने किताब।
की चेष्टा कोई जीव चोट ना पावें,
हर जन अपने हृदय, प्रेम अलख जगावें।



टिकाए पैर ज़मी पर, मन पंछी ऊँचा आसमाँ पावें।
किया निरंतर अभ्यास, न छोड़ी कभी आस,
विफलताओं से हुए, न कभी आप निराश।
किए निरंतर प्रयास पर प्रयास।
देशभक्ति की आप हो एक मिसाल,
जिसने जलाई देश में 2020 की मशाल।
सपनों को विचार, विचार को गति,
दी युवकों को ये संमति।
देश को दी आपने पहचान नई।
किया 'के-15' से मुकम्मल सुरक्षा इंतज़ाम।
आप तो कमाल हो, श्रीमान कलाम।
कर्मक्षेत्र था आपका विज्ञान,
पर गीत संगीत में थे बसे आपके प्राण।
आप बने बच्चों के हितैषी,
दिया मंत्र, वे बने स्वदेशी।
विश्व पटल पर रखी भारतीयों की मिसाल,
आपके गुणों की है, खान अति विशाल।
कलाम आप तो हैं कमाल!
हर देशवासी हो नत मस्तक, करें आपको सलाम।
आपको हमारा शत – प्रणाम॥

Maths

:- During Covid-19 several gadgets like UV light sanitizer box, pulse oximeter, sanitizer dispenser etc. have been introduced that help us stay safe at home. Nowadays we can see infrared and digital stick thermometers being used everywhere instead of old glass thermometers containing mercury.

A Clinical thermometer is used for measuring human body temperature. It is marked in Celsius scale ($^{\circ}\text{C}$) and Fahrenheit scale ($^{\circ}\text{F}$)

Use your thermometer to read temperature for two days and fill the observations in the table given below.

	DAY 1 Temperature		DAY 2 Temperature	
	$^{\circ}\text{C}$	$^{\circ}\text{F}$	$^{\circ}\text{C}$	$^{\circ}\text{F}$
In the morning at 7 am				
At 12 noon				
In the evening at 5 pm				
At night 10 pm				

Fill in the blanks from your observations:

1. The normal human body temperature is _____ $^{\circ}\text{C}$.
2. A human body suffering from fever has body temperature above _____ $^{\circ}\text{F}$.
3. A human body does not have temperature below _____ $^{\circ}\text{F}$ and above _____ $^{\circ}\text{F}$.
4. During the day time, the normal body temperature rises by _____ $^{\circ}\text{F}$.
5. The temperature is lowest in the _____ and highest in the _____.

Note: To convert temperature from $^{\circ}\text{F}$ to $^{\circ}\text{C}$ use the following steps:

Step1. Subtract 32 from the temperature given in $^{\circ}\text{F}$.

Step2. Multiply the result by 5.

Step3. Divide the product by 9.

Step4. The quotient obtained is temperature in $^{\circ}\text{C}$.

Science

- :- • Prepare a project on the topic given and the guidelines mentioned below on 1/2 Chart paper.
- Sources: Students can collect information from newspapers, magazines and internet.
- Define Gadget/Gizmo
- Name at least 5 Latest gadgets, mention the technology used in them, their effect on human health- physical and mental health. Paste their pictures
- List the scopes and limitations of Modern World of Gadgets.

S.S.T

- :- VIRTUAL TRAVEL GUIDE MAP

Plan a virtual road trip (within the city or your state or in India)

Create your own travel guide map using the GPS- Mark all the halts you wish to make on your onward journey. These can be restaurants/cafe, your favourite sites, scenic areas, your relative's house, restrooms, petrol pumps, landmarks. Also mark the place of origin and destination.

