

DAV CENTENARY PUBLIC SCHOOL, PASCHIM ENCLAVE, NEW DELHI-87
HOLIDAY HOMEWORK SESSION- 2019-2020 CLASS:IV

Dear parents

The summer break is round the corner and this is the time for kids to revive, refresh and rejuvenate their energies. This is the time for them to indulge in new activities, research, explore and experiment with skills that will groom their personalities qualitatively. During this break,

1. Do not let the child waste the morning hours. Teach them to get up early and go for a nature walk. They can enjoy an afternoon nap/siesta later on.
2. Allow them to play outdoors (morning/evening), get hurt and get dirty. It's okay to fall down and experience a little pain once in a while. Make them strong and bold.
3. Help them to plant at least one sapling and take care of it or adopt a tree and water it every day.
4. Get some story/comic books for your child and let them read during the long afternoons.
5. Keep away from TV, mobiles, computers for long hours. They waste creative energies of the child.
6. Avoid giving chocolates, jellies, chips, cakes, aerated drinks and fried snacks to your child.
7. Teach them to prepare/cook their own healthy snacks, salads, lemonades, shakes at home.
8. Encourage them to do little household chores themselves - lay the table before meals and clean them after meals, refill water bottles, water the plants, dust the furniture, put utensils in the sink, fold the clothes, arrange their cupboards, clothes, bookshelves etc.
9. Spend some quality time with your child every day. Talk about your own childhood, home, friends, relationships, dreams, God, good habits, patriotism, honesty, truth, respect for women, love for all creatures etc.
10. Inspire your child by giving examples of role models, great personalities etc.
11. **DO NOT DO YOUR CHILD'S HOLIDAY HOMEWORK.** It has been designed in an inter-disciplinary manner to help your child probe, explore, research and learn while doing. Let the child engage in this wonderful and exciting learning experience himself/herself. Just arrange the resources required by the child to complete the activities.

Theme for Class IV :“EUREKA- FAMOUS DISCOVERIES AND INVENTIONS”

NOTE: Do the given work on different coloured A-4 sheets as per the subject.

- 1) English- Light blue 2) Hindi- Pink 3) Maths- White 4) G.Sc. - Yellow
5) S.Sc- Light Green

English:

Q1. Be creative and make your own colourful magazine showing the journey of a cell phone.

First page: Rendezvous (A Meeting)

Suppose you happen to meet the inventor of smart phone. Make a **Comic Strip** to present your conversation with him.

Second and third page: Evolution of a Phone

- From landline to wireless
- From wireless to smart phones

Note: You can use internet as a tool to show the journey of a phone with the help of pictures.

Forth page: Let's Pen Down!

Write a paragraph on the following topic expressing your views on it.

Modern gadgets - A Boon or a Bane

Q2. Read the book 'The Blue Umbrella.' Make a cover page for the same and write at least 15 new words along with their meaning inside it.

- Do page-3 (comprehension Passage-3) and Page-17 (Letter Writing) in Worksheet booklet

Hindi

आगे बढ़ते जाते हैं , जो हिम्मत नहीं खोते हैं“

विश्व में ऐसे कुछ व्यक्ति हुए हैं जो कि शारीरिक रूप से सक्षम न होते हुए भी अपनी उपलब्धियों के कारण विख्यात हुए हैं ऐसे किन्हीं दो |वे हमारे जीवन में प्रेरणा का स्रोत हैं, विश्वविख्यात व्यक्तियों की उपलब्धियों को रोचक एवं सुंदर चित्रों की सहायता से एक एलबम बनाइए |

करने वालों की कभी हार नहीं होती कोशिश“

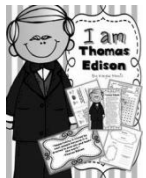
उदाहरण - लुई ब्रेल की आँखों की रोशनी न होते हुए भी उन्होंने ब्रेल लिपि का आविष्कार किया |

आगे, क्या बदलाव लाएँगे-उन महान व्यक्तियों का उदाहरण लेते हुए अपने जीवन में क्या * कैसे बढ़ेंगे किसी भी| परेशानियों को हिम्मत से दूर कर ऊँचाइयों को छूने का प्रयास करेंगे, घटना के माध्यम से बताइए -जैसे) कैसे करेंगे| (अपने लेख में इन परिस्थितियों का भी वर्णन कीजिए |

Maths:

1. **Zero is a very important digit in Mathematics.**

- ❖ Name the Mathematician who invented it.
- ❖ Write a few lines about that Mathematician and paste his picture too.
- ❖ What would have happened without "0"? (Think with respect to topics done in the class so far) Eg. 04 and 40 $40 + 0$, 40×0
How do these make a difference? Give your views, taking at least five such examples.



2. **BE AN INVENTOR-**

- ❖ Design any Mathematical Tool to learn and play with concepts of Mathematics like addition , subtraction , multiplication , place value etc.



3. Make your own toy using different 2-D,3-D shapes . The shapes should be made from waste material, cardboard , clay etc.
4. Do worksheet booklet page 2 , 3 and 4 (Mathematics) and paste in notebook.

General Science:

1. **Be an Explorer !**

*Choose any one topic from the following and make a project/model/activity on it by exploring various sources (books, internet etc.)

*Topic- I am

- | | |
|-------------------|---------------------------|
| a) a nature lover | b) a bird saver |
| c) an astronomer | d) an inventor |
| e) a tree saver | f) an environment cleaner |
| g) a scientist | |

* You can make a bird feeder/model of solar system/a water sprinkler etc.

* Make a report of your project by completing the following statements-

- I have chosen this topic because.....
- I want to explore
- I want to bring about a change.....

2. **Glowing lives!**

"Can you think about the life without light?"

*Read the biography of the scientist who invented an electric bulb.

*Pen down what you have learnt from the incidents in his life.

* Depict the journey of an electric bulb through ages.

*Find out the advantages of the LED bulb over a simple electric bulb.

3. Make your own electric circuit using LED, wire, battery.

Social Science:

Q1. Design a newsletter with 4 sides on the topic:

My India-My Pride

• PAGE1: FACT FILE

Discover and enjoy some fascinating / amazing facts about India. Present the discovered facts of at least 2-3 states with pictures.

(For reference: Facts could be related to heritage sites, states, geography etc).

For Example: Manipur- 1) It has the only floating National Park in the world known as **Keibul Lamjao** National Park

2) Nagaland -It is known as Switzerland of the east due to its scenic beauty.

• PAGE 2 AND 3: I discovered. . .

India is a vast land brimming with talented and creative people. There are many **wonderful inventions and discoveries** India has come up with which have been instrumental in shaping the face of the current modern world.

- Highlight the great inventions and discoveries of India along with their master minds.
- Present their contribution with the help of pictures specifying the time line.

• Page4: Know My Motherland

Make an advertisement to promote tourism in India (attract tourists by highlighting cultural diversity, rich heritage of India etc)

Practice 2 maps in a week (water bodies, states, neighbouring countries, islands)

Learn state and their capitals

Art:

- | | |
|----------------------------|---------------------------|
| 1) IV-A-My Name Plate | 2) IV-D -Landscape |
| 3) IV-B -Folk Art | 4) IV-E-Decorate A Mirror |
| 5) IV-C -Stationery Holder | |

NOTE: See SNAP HW work details.