

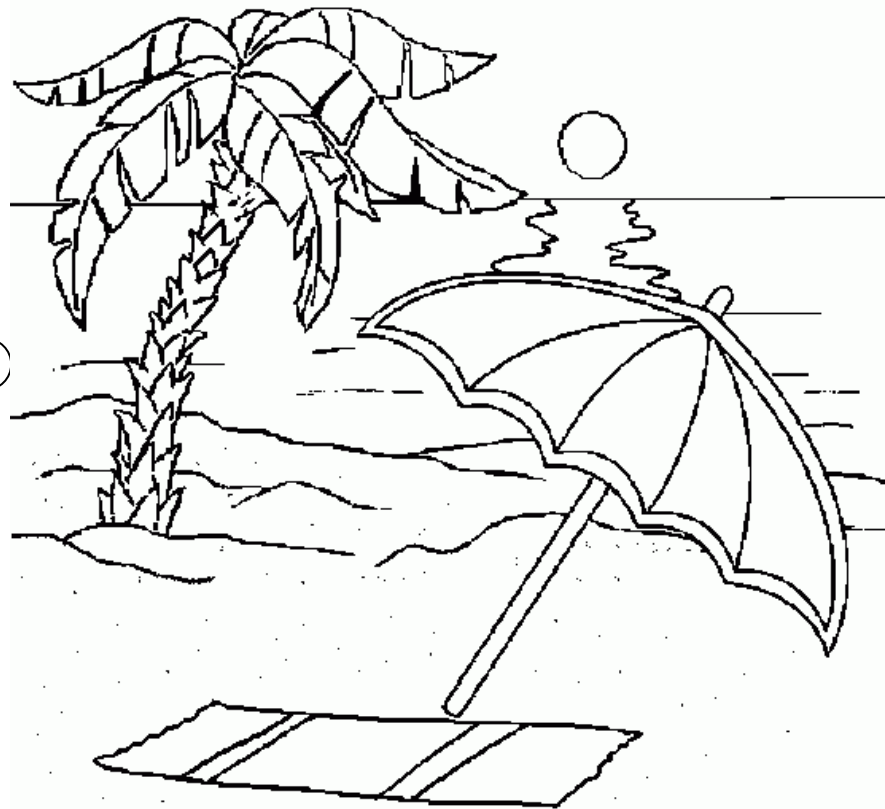
# HAPPY

## SUMMER VACATION

(01.06.2019 to 30.06.2019)



### Class-9th



**NAME:**

.....

**CLASS :** .....

**SECTION:** .....

**ROLL NO.** .....



B. K. Sr. Sec. Public school, Bawani Khara

Web Site : [bkssps.com](http://bkssps.com)

E-Mail- [bkssps@gmail.com](mailto:bkssps@gmail.com)



## Respected Parents

Summer Vacation will start from 01.06.2019 to 30.06.2019 and School will reopen on 01.07.2019 as per scheduled time-table i.e.:- 8: 00 am to 2:00 pm.

### Instructions for Students:

- You are requested to fix your child time-table during vacation so that they can do their holidays homework regularly and also enjoy the holidays.
- Please arrange the relevant material which is required to prepare projects, your work.
- Please motivate your children to read good books during vacation and please arrange the same for them.

### आदरणीय अभिभावकगण

हमारे स्कूल का शीशकालीन अवकाश 01.06.2019 से 30.06.2019 तक रहेगा। विद्यालय 01.07.2019 को खुलेगा। 01 जुलाई 2019 से स्कूल का समय 08:00 बजे से 2:00 बजे तक रहेगा।

### निर्देश (विद्यार्थियों के लिए) :-

- आपसे अनुरोध है कि गर्मियों की लम्बी छुट्टियों के दौरान कृपया बच्चों की समय सारिणी सुनिश्चित करें, जिससे बच्चे छुट्टियों का आनंद उठाने के साथ-साथ अपना छुट्टियों का कार्य भी सुचारु रूप से करें।
- बच्चों को प्रेरक / अच्छा साहित्य पढ़ने के लिए प्रोत्साहित करें तथा उपलब्ध भी कराएँ।
- बच्चों को प्रोजेक्ट इत्यादि बनाने के लिए उपयुक्त सामग्री उपलब्ध कराएँ।

**Note : It is compulsory for a child to be present in school from 01 July 19 (01 जुलाई 2019 से विद्यालय में बच्चे का उपस्थित होना अनिवार्य है।)**



## English

- Learn Ch. 1, 2 & 3 of “Beehive” and “Moments”.
- Write One page of writing daily.
- Write about any 4 persons.
- Worksheet pages- 1,2,4,5,9,11
- Write about 2 places you visited during summer vacations.
- Read any 5 new novels and write their summaries.

## Maths

- Revision of Ch. 1, 2 & 3
- Make a chart on algebraic identities.
- Assignment:
  - 1) Simplify the following expressions  
(i)  $(5 + \sqrt{5})(5 - \sqrt{5})$       (ii)  $(\sqrt{5} + \sqrt{7})^2$
  - 2) Simplify:

$$\frac{7\sqrt{3}}{\sqrt{10} + \sqrt{3}} - \frac{2\sqrt{5}}{\sqrt{6} + \sqrt{5}} - \frac{3\sqrt{2}}{\sqrt{15} + 3\sqrt{2}}$$

- 3) Expand:  $(x - \frac{1}{2}y + \frac{1}{3}z)^2$
- 4) Simplify:  $xy \left[ (x + y) \left( \frac{1}{x} + \frac{1}{y} \right) - 2 \right]$
- 5) Factories:  $16a^4 + 54a$
- 6) Simplify:  $\left( \frac{x}{3} + \frac{y}{5} \right)^3 - \left( \frac{x}{3} - \frac{y}{5} \right)^3$
- 7) Factories:  $a^2 + b^2 - 2(ab - ac + bc)$
- 8) Factories:  $8p^3 - q^3 - 12p^2q + 6pq^2$
- 9) Factories:  $25x^3y - 121xy^3$
- 10) Represent:  $\sqrt{10.5}$  on the number line.

### Vedic Maths:-

- Page no. 3 to 9 from 7<sup>th</sup> book.
- 2 to 15 table Learn and Write.
- Starting with 5, Ending with 5 & any two digits square learn.

## Science

### ❖ Biology:

- Conduct the experiment of NCERT Exercise Q. No. 9 on Page No. 67 of Ch. 5 in the given format
  - a) Aim
  - b) Apparatus Used
  - c) Procedure
  - d) Diagrams
  - e) Observation
  - f) Result/ Conclusion
  - g) Precautions
- Revise Ch. 5 and learn all intext, exercise & extra Q/A.
- Study the work of Robert Hook and Camillo Golgi and write two pages about each of them.
- Conduct activity 6.1 of Ch. 6 and write observations in the same format as of point no. 1 of the above Holiday Home Work

### ❖ Physics:

- Deduce & Derive equations of motions using graphical method and practice deriving them.
- Revise & Learn Ch. 8 and practice numerical.
- Make a chart & study the work of one of these scientists according to your Roll No.= 1. Albert Einstein      2. Issac Newton      3. Stephen Hawking      4. Nicola Tesla
- Solve the numerical given in Ch. 8

### ❖ Chemistry:

- Learn Ch. 1 Matter (With NCERT text and intext questions)
- Complete the Assignments.

## Social Science

- Learn Ch:- 1 (History)  
Ch:- 1 (Civics)  
Ch:- 1 (Geo)  
Ch:- 1 (Eco)
- Map Work :- States and Capitals, Haryana  
Major Rivers:- Ganga, Brahmaputra, Yamuna, Godavri , Krishna,  
Kaveri
- Natural Vegetation in Indian
  1. Wild life sanctuary – Sariska, Periyar, Chandka, Chandra Prabha , Kawal.
  2. Bird Sanctuary- Vedanthangal, Ranganathittu, Sultanpur.
  3. National Park- Rajaji, Dachigam, Bandipur, Manas, Gir, Rajgir.
- Project on Lok Sabha Election in India, 2019

## हिंदी

- पुस्तक क्षितिज भाग-1 का गद्य भाग  
अध्याय-1 दो बैलों की कथा  
अध्याय-2 लहासा की ओर पूरा अभ्यास याद करना।
- पुस्तक क्षितिज भाग-1 का पद्य भाग  
अध्याय-1 कबीरदास जी की साखियां के शब्द-अर्थ, व्याख्या व अभ्यास के प्र”न-उत्तर याद करो।
- हिंदी व्याकरण  
शब्द निर्माण-उपसर्ग, प्रत्यय, समास याद करो।  
अलंकार की परिभाषा व उदाहरण व व्याख्या सहित सभी भेद याद करो।  
अर्थ की दृष्टि से वाक्य भेद याद करो।

## Computer

- Learn Ch. 1 & 2
- Make a Power Point Presentation on the topic of “Fundamental Rights”.