



## D.A.V. POLICE PUBLIC SCHOOL FATEHABAD



**Dear Parents / Students,**

Leisure, often synonymous with free time, emphasizes freedom and choice. Holidays Provide an opportunity to spend time with loved ones and pursue hobbies, but an extended break from work can lead to setbacks. Maintaining a balance between leisure and studies is crucial for a fulfilling break. Integrating fun learning experiences can make holidays more interesting and impactful. The holiday homework aims to inspire exploration, engagement, and experiential learning, enhancing the holiday spirit. By completing these assignments with positivity, you'll develop the life skill of balancing work and play, making life more enjoyable.

Best wishes for a happy holiday!

**THANKS & REGARDS**

**PRINCIPAL**

**DAVPPS FATEHABAD**

## Class IX

### English

- 1) Revise all the lessons that have been taught so far.
- 2) Learn any two new recipes and describe the process how you made them.
- 3) Talk to your grandmother/grandfather. Ask them to narrate some incident from their childhood. Describe the incident in your own words. Also, compare how your childhood is different from theirs.
- 4) Write the following diary entries -
  - a) My First day of Grade IX in school.
  - b) When I had to choose a gift for my mother.
- 6) Write a story based on the following picture.



- 7) Write two exercises each based on gap filling, editing, tenses and unseen passage from workbook and practice of unseen passage from BBC.
- 8) Compose a poem based on nature and create a rhyme scheme also.
- 9) Prepare a portfolio on the following poems :  
The Road Not Taken And Wind .
10. Speaking Skills  
Prepare a speech on any one of the following topics: ( 3 to 4 minutes)  
The Benefits of Learning a Second Language.  
The Effects of Climate Change.  
The Impact to Social Media On Teenagers

### *The Role of Technology in Education*

### हिंदी

- क्षितिज -कविता 1 और 2 के प्रश्नोत्तर याद करें |
- क्षितिज पाठ 1 और 2 के प्रश्नोत्तर याद करें |
- कृतिका-पाठ 1 के प्रश्नोत्तर याद करें |
- परियोजना कार्य –इस जल प्रलय में पाठ के आधार पर परियोजना का सचित्र वर्णन करें |

## Maths

1. Write squares from 1 to 20
2. Write cubes from 1 to 20
3. Write and learn tables from 1 to 30
4. Revision of chapters 1 to 5 with examples
5. Complete Mathematics Lab Manual Activity – 1 to 4
6. Make a project on any given topic-
  - (a) Number System. (b) Polynomial (c) Coordinate geometry (d) Linear equation in two variables
7. Make Portfolio on any one topic : (a) Use of Maths in Daily life (b) Vedic maths
8. Also Do the given worksheet :
  - (a) Write in which quadrant/ axis these points lies : ( 5 , -5) , ( 0 , -1) , ( -5 , -3) , ( 4 , 0) , ( 1 , -3) , ( 0 , 0) , ( -6 , 0) .
  - (b) Also find the image of the points along x- axis and y-axis : ( 0,1) , (-1,-3) , ( 1 ,2) , ( 3 , -4) , ( 6 , -3) , ( -6 ,7) .
  - (c) Find the perpendicular distance of the points from x- axis ( 5 , -5) , ( 0 , -1) , ( -5 , -3) , ( 4 , 0) , ( 1 , -3) , ( 0 , 0) , ( -6 , 0) .
  - (d) Write in the p/q form : (a) 0.454545.... (b) 1.040404..... (c) 0.367777...
  - (e) Represent on number line :  $\sqrt{5}$  ,  $\sqrt{2}$  ,  $\sqrt{9.8}$
  - (f) If  $a = 2 + \sqrt{3}$  , then find :  $a + \frac{1}{a}$  ,  $a^2 - \frac{1}{(a)^2}$  ,  $a^2 + \frac{1}{a^2}$
  - (g) Find a and b : (1)  $\frac{(3+\sqrt{2})}{3-\sqrt{2}} = a + b\sqrt{2}$  (2)  $\frac{(\sqrt{11}+\sqrt{7})}{\sqrt{11}-\sqrt{7}} = a + b\sqrt{77}$
  - (h) Simplify :  $\frac{(25)^{\frac{1}{2}}}{(64)^{\frac{1}{3}}} + \left(\frac{256}{625}\right)^{-\frac{1}{4}} + \left(\frac{64}{125}\right)^{-\frac{2}{3}}$
  - (i) Simplify :  $\frac{(0.027)^{\frac{1}{3}}}{3}$
  - (j) Check that  $2x+1$  is factor of  $4x^3 + 4x^2 - x - 1$
  - (k) Find the value of k if  $x - 1$  is factor of the Polynomial:
    - (a)  $x^2 - x + k$
    - (b)  $2x^2 + kx + \sqrt{2}$
  - (l) Do the factor of following : (a)  $x^2 - 4x - 5$  (b)  $x^2 + 13x + 36$
  - (c)  $4x^3 + 4x^2 - x - 1$
  - (m) Solve :  $(999)^3$  ,  $(105)^2$
  - (n) Find five solution of linear equations: (a)  $3x + y = 4$  , (b)  $3\pi x - y = 5$   
Find the value of k if  $x = 2$  ,  $y = -3$  in linear equations :  $3xk - y = -3$

## Physics

- 1) Revise chapter-8(Motion).
- 2) Make a working model on types of Motion.
- 3) Solve Worksheets .

## Biology

- 1) Revise chapter-5( fundamental unit of life).
- 2) Find internal questions from NCERT of chapter-5 and write it.
- 3) Make a portfolio on Cell.

4) Make a chart on Plant Cell and Animal Cell

### Chemistry

- 1) Make 30 questions from Chapter-1( Matter in Our Surroundings)
- 2) Make a model showing properties of different states of matter.
- 3) Prepare a chart of inter-conversion of one state of matter into another and various examples of inter-conversions you observe in daily life.
- 4) Revise Chapter- 1(Matter in Our Surroundings)

### Social Science

- i) Prepare a project on ' Disaster Management ' .
  - ii) Prepare a portfolio on Physical Features of India
- Revision of Unit Test syllabus-
- Geography
- Chapter 1 India size and Location
- Chapter 2 Physical Features of India
- History
- Chapter 1- The French Revolution
- Economics
- Chapter 1- The Story of Village Palampur
- Chapter 2- People as Resources
- Civics
- Chapter 1- What is Democracy? Why is Democracy?

### संस्कृत

- \* पठधातुरूपाँचौलकारोंमेंयादकरें।
- \* राम, लता, फलकेशब्दरूपयादकरें।
- \* कारक-प्रकरणकोA4 साइजचार्टपरलिखकरलाएं।

### ਕਿਰਿਆ ਦਾ ਪੇਰਟਫਾਲਿਓ ਬਣਾਓ I

ਵਿਆਕਰਨ : ਉ, ਅ, ਸ ਤੋਂ ਸ਼ੁਰੂ ਹੋਣ ਵਾਲੇ ਮੁਹਾਵਰੇ , ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ ( ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ ਦੀ ਤਸਵੀਰ ਵੀ ਬਣਾਓ ਜਾਂ ਚਿਪਕਾਓ ) ਅਤੇ ਸ਼ਹੀਦ ਭਗਤ ਸਿੰਘ (ਭਗਤ ਸਿੰਘ ਦੀ ਤਸਵੀਰ ਵੀ ਬਣਾਓ ਜਾਂ ਚਿਪਕਾਓ )ਦਾ ਲੇਖ ਪੱਕੀ ਕਾਪੀ ਵਿੱਚ ਲਿਖੋ I

ਵੰਨਗੀ : ਜਨਮ ਦਿਨ, ਸਾਂਝੀ ਕੰਧ ਅਤੇ ਸਮਾਂ ਕਵਿਤਾ ਦੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਯਾਦ ਕਰੋ I

### Home Science

1. Learn Unit 1(Concept, Scope and Recent Trends of Home Science), Unit 2 (Human Growth and Development) with written practice
2. Complete Practical File Work
3. Make a collage on the role of family members.
4. Design educational play material for the cognitive, physical and motor development of a 3 year old child
5. Make a portfolio on principles of growth and development.
6. Make a PPT on the meaning of development and explain the physical, Cognitive and emotional development of children in the infancy stage.

### INFORMATION TECHNOLOGY

1. Learn unit-1 & 2 question answer
  2. Frame 50 Objective Type Questions form Unit 1& 2.
- Draw a Computer diagram with Input Unit, Processing , Output Unit and Storage Unit.

## **PHYSICAL EDUCATION**

Diagram of 400 m track & field with computations and write all the information about Athletics Events (Track Events & Field Events)

Diagram of Field and Equipment of any one game of your choice with computation.