

**DAV PUBLIC SR SEC SCHOOL, BHAROLI**

**ENTRANCE TEST SYLLABUS**

**CLASSES: II to XI**

**D A V PUBLIC SR. SEC SCHOOL BHAROLI (NADAUN)**  
**CLASS 2<sup>ND</sup>**  
**SYLLABUS FOR ENTRANCE TEST**  
**SUBJECT ENGLISH**

- Five lines on Myself
- Months' Name
- Use of He, She or It.
- Use of is or are
- Change one into many
- Days of Week
- Use of 'a' or 'an'
- Paragraph Reading

**SUBJECT MATHEMATICS**

- Tables from 2to10
- Number Name from1 to 100
- Insert missing numbers
- What comes just Before, After, Between
- Sums of addition and subtraction (two digits)
- Ascending order, Descending order
- Puzzle counting from 401 to500

**SUBJECT HINDI**

- सप्ताह के दिनों के नाम
- मात्राएँ आ से अं तक
- समान लय वाले शब्द
- एक – अनेक
- महीनों के नाम
- विपरीत शब्द
- Paragraph Reading

## **SYLLABUS FOR ENTRANCE TEST**

### **CLASS: 3<sup>rd</sup>**

#### **English**

- Opposite words
- Make sentences
- Match the rhyming words
- Rearrange the jumble words
- Use of 'a' and 'an'
- Change into many
- Use of is, am, are
- Paragraph reading

#### **Mathematics**

- Number names 101 to 300
- Addition and subtraction
- What comes before, after and between
- <,> or =
- Ascending and descending order
- Missing numbers
- Dodging tables 2 to 15

#### **Hindi**

- Paragraph reading
- विपरीत शब्द
- समान लय वाले शब्द
- वचन बदलो
- लिंग बदलो

**DAV PUBLIC SEN. SEC. SCHOOL, BHAROLI (NADAUN)**

**Entrance Test Syllabus**

**Class :4<sup>th</sup>**

<b>ENGLISH</b>	
1.	Nouns
2.	Pronouns
3.	Adjectives
4.	Genders
5.	Change the numbers
6.	Application Writing
7.	Essay Writing

**Subject - MATHEMATICS**

1.	Addition	Addition of 3-digits numbers, Regrouping, Properties, Word problems
2.	Subtraction	Subtraction of 3-digits number, Regrouping, Properties, Word problems
3.	Multiplication	Multiplication of 3-digits by 2-digit, Properties, Word problems
4.	Division	Division of 2-digits by 1-digit, Word problems, Properties, Word problems
5.	Length	Conversion, Addition and subtraction, Word problems

**SCIENCE**

1.	My Body
2.	Plants
3.	Water
4.	Food

## **SYLLABUS FOR ENTRANCE EXAM**

**Class: 5<sup>th</sup>**

<b>SUBJECT: ENGLISH</b>	
Sr. No	Topics
1.	Noun
2.	Present/ Past continuous/simple Tense
3.	Articles
4.	Preposition
5.	Change the number
6.	Change the Gender
7.	Essay Writing
8.	Application Writing

  

<b>SUBJECT: MATHEMATICS</b>	
1.	Numbers Number names, Place value, Expanded form, Smallest and greatest numbers
2.	Addition Addition of 4- digit numbers, Regrouping, Properties, Word problems
3.	Subtraction Subtraction of 4-digits number, Regrouping, Properties, Word problems
4.	Multiplication Multiplication of 3-digits by 3-digit, Properties, Word problems
5.	Division Division of 3-digits by 2-digit, Word problems, properties
6.	Length Conversion, Addition and Subtraction, Word problems

  

<b>SUBJECT: SCIENCE</b>	
1.	My Body
2.	Plants
3.	Water
4.	Food

**SYLLABUS FOR ENTRANCE EXAM****CLASS : 6<sup>th</sup>****SUBJECT: ENGLISH**

1.	NOUN
2.	PRONOUN
3.	VERB
4.	ADVERB
5.	SENTENCE
6.	ADJECTIVES
7.	MODALS
8.	DETERMINERS
9.	APPLICATION
10.	PARAGRAPH

**SUBJECT: MATHEMATICS**

1.	PERCENTAGE	CONVERSIONS AND FINDING THE PERCENT OF A NUMBER
2.	MULTIPLE AND FACTORS	EVEN AND ODD NUMBERS, COMMON MULTIPLES AND FACTORS
3.	MULTIPLICATION AND DIVISION OF DECIMAL NUMBERS	MULTIPLICATION AND DIVISION OF DECIMAL NUMBERS, CONVERSION OF FRACTION INTO A DECIMAL NUMBER
4.	PROFIT AND LOSS	DETERMINING SELL PRICE AND COST PRICE
5.	SIMPLE INTEREST	SIMPLE INTEREST, CONCEPT OF AMOUNT

**SUBJECT: SCIENCE**

1.	MY BODY
2.	PLANTS
3.	WATER
4.	FOOD
5.	FOREST

**SYLLABUS FOR ENTRANCE EXAM**  
**CLASS: 7<sup>th</sup>**

<b>SUBJECT: ENGLISH</b>		
Sr. No.	Topics	
1.	Tenses	
2.	Articles	
3.	Sentences	
4.	Prepositions	
5.	Subject- Verb Agreement	
6.	Paragraph	
7.	Formal / Informal Letters	
<b>SUBJECT: MATHEMATICS</b>		
1.	Percentage and its applications	More about percentage, profit and loss, Simple Interest
2.	Introduction to Algebra	Operations on Algebraic expressions and finding the value of an Algebraic Expression
3.	Linear Equations	Solving Linear Equation
4.	Triangles	More about triangles
5.	Perimeter and Area	More about Area and Perimeter
<b>SUBJECT: SCIENCE</b>		
1.	Our Environment	
2.	Food	
3.	Changes around us	
4.	Work and Energy	
5.	Structure and Functions of Living Organism — Plants	
6.	Separation of Substances	

## **Syllabus for Entrance Exam**

### **Class : 8th**

#### **English:**

- 1) Tenses
- 2) Articles
- 3) Modals
- 4) Active Passive Voice
- 5) Reported Speech
- 6) Paragraph
- 7) Formal / Informal Letter

#### **Maths:**

- 1) Rational numbers
- 2) Algebraic expressions
- 3) Linear equations
- 4) Area and perimeter
- 5) Triangle and its properties

#### **Science:**

- 1) Nutrition in Living Organisms- Plants
- 2) Nutrition in Living Organisms -Animal and Plant
- 3) Chemical Substances and Processes
- 4) Weather, Climate and Adaptations of Animals to Climate
- 5) Forest

**Syllabus for Entrance Examination**  
**Class : IX**  
**Subject : English**

- 1) Tenses
- 2) Voices
- 3) Modals
- 4) Linkers
- 5) Narration
- 6) Paragraph
- 7) Formal / Informal Letter

**Subject : Maths**

**Topics:**

- 1) Squares and square roots
- 2) Exponents and radicals
- 3) Algebraic identities
- 4) Linear equations
- 5) Mensuration
- 6) Polynomials

**Subject: SCIENCE**

Chapter 1	THE CELL- ITS STRUCTURE AND FUNCTIONS
Chapter 2	MICRO-ORGANISMS-FRIENDS OR FOES
Chapter 3	METALS AND NON - METALS
Chapter 4	FORCE AND PRESSURE
Chapter 5	FRICTION
Chapter 6	SOURCES OF ENERGY
Chapter 7	REFRACTION AND DISPERSION OF LIGHT
Chapter 8	THE HUMAN EYE
Chapter 9	SOUND
Chapter 10	SYNTHETIC FIBRES AND PLASTICS
Chapter 11	REPRODUCTION IN ANIMALS
Chapter 12	REACHING THE AGE OF ADOLESCENCE
Chapter 13	ELECTRIC CURRENT AND ITS CHEMICAL EFFECTS

**DAV Public Sr. Sec. School, Bharoli (Nadaun) Entrance test Syllabus**  
**Class :- 11<sup>th</sup>**

S.NO.	<b>PHYSICS</b>
1.	<b>LIGHT-REFLECTION AND REFRACTION</b>
2.	<b>ELECTRICITY</b>
3.	<b>MAGNETIC EFFECTS OF ELECTRIC CURRENT</b>
	<b>CHEMISTRY</b>
1.	<b>METALS AND NON-METALS</b>
2.	<b>CARBON AND ITS COMPOUNDS</b>
	<b>BIOLOGY</b>
1.	<b>LIFE PROCESSES</b>
2.	<b>HOW DO ORGANISMS REPRODUCE?</b>
3.	<b>HEREDITY</b>
4.	<b>OUR ENVIRONMENT</b>
	<b>MATHEMATICS</b>
1.	<b>QUADRATIC EQUATION</b>
2.	<b>ARITHMATIC PROGRESSION</b>
3.	<b>CO-ORDINATE GEOMETRY</b>
4.	<b>TRIGONOMETRY</b>
5.	<b>SURFACE AREA AND VOLUME</b>
6.	<b>STATISTICS</b>
7.	<b>PROBABILITY</b>

