

CLASS UKG
SYLLABUS OF ENTRANCE EXAM

ENGLISH- Capital letters A to Z

Small letters a to z

HINDI- अ से ञ

MATHS- Puzzle lines 1 to 100

CLASS 1st
SYLLABUS OF ENTRANCE EXAM

ENGLISH- Fruits name, vegetables name, colours name, domestic animals name, Myself

HINDI- रंगों के नाम, जानवरों के नाम, सब्जियों के नाम, फलों के नाम, आ मात्रा

MATHS- Table of 2,3,4, sums of addition and subtraction, Number name 1 to 30

**DAV PUBLIC SR. SEC SCHOOL BHAROLI (NADAUN)
CLASS 2ND**

SYLLABUS FOR ENTRANCE TEST

SESSION (2024-2025)

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 2 to 10
- Number Name from 1 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 to 500

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- 3rd

English

- Opposite words
- Make sentences
- Rhyming words
- Rearrange the jumbled words
- Use of 'a' and 'an'
- Change into many
- Paragraph reading

Mathematics

- Tables 1 to 15
- Number names 1 to 300
- Addition and subtraction
- What Comes before, after and between
- $<$, $>$ or $=$
- Ascending and descending order
- Missing numbers

Hindi

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

DAV PUBLIC SEN. SEC. SCHOOL, BHAROLI (NADAUN)
Entrance Test Syllabus (2024-25)
Class- 4th

ENGLISH	
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, 2024-25

Class: 5th

SUBJECT : ENGLISH		
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	
SUBJECT : MATHEMATICS		
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
SUBJECT : SCIENCE		
1.	My Body	
2.	Plants	
3.	Water	
4.	Food	

SYLLABUS FOR ENTRANCE EXAM, 2024-25

Class : 6th

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.	Multiples and Factors	Even and odd numbers, common Multiples and Factors, Prime factorisation, HCF and LCM
3.	Multiplication and Division of Decimal numbers	Multiplication and division of decimal numbers, conversion of a fraction into a decimal number
4.	Profit and Loss	Determining selling price and cost price, profit and loss
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 2024-25

Class :- 7th

SUBJECT: ENGLISH		
Sr. No.	Topics	
1.	Tenses	
2.	Articles	
3.	Sentences	
4.	Prepositions	
5.	Subject- Verb Agreement	
6.	Paragraph	
7.	Formal / Informal Letters	
SUBJECT: MATHEMATICS		
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
SUBJECT : SCIENCE		
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

Syllabus for entrance exam

Class : 9th

Subject : Maths

Topics:

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

Syllabus for entrance examination (Class 9th)

Chapter 1	THE CELL- ITS STRUCTURE AND FUNCTIONS comprehend and understand the basic unit of life. differentiate between plant cell and animal cell describe various cell-organelles and their functions in the cell.	
Chapter 2	MICRO-ORGANISMS-FRIENDS OR FOES know about the different types of micro-organisms and their habitats. contrast the role of micro-organisms as friends or foes. understand the concept of food preservation and apply its techniques.	
Chapter 3	METALS AND NON - METALS	

	<p>know about different types of synthetic fibres and plastics and their properties, advantages and disadvantages.</p> <p>differentiate between thermoplastics and thermosetting plastics.</p> <p>sensitise towards the damage caused by plastic waste and measures to control the damage.</p>	
Chapter 11	<p>REPRODUCTION IN ANIMALS</p> <p>learn the various modes of reproduction in animals.</p> <p>differentiate between male and female reproductive system,</p> <p>differentiate between oviparous and viviparous animals.</p>	
Chapter 12	<p>REACHING THE AGE OF ADOLESCENCE</p> <p>analyse the problems of adolescence.</p> <p>understand emotional, physiological changes that takes place during adolescence.</p> <p>know the importance of hormones in life cycle of different organisms.</p>	
Chapter 13	<p>ELECTRIC CURRENT AND ITS CHEMICAL EFFECT</p> <p>understand the concept of electrolyte, cause of conductivity and chemical effects of electric current and its applications.</p> <p>understand chemical effects of electric current and its applications.</p> <p>know about electromagnetic induction.</p>	

	<p>classify elements and learn about their occurrence in nature. understand the different physical properties of metals/ non-metals and their applications based on these properties. Differentiate between chemical behaviour of metals/nonmetals towards air, water and acids relate displacement reaction of metals with reactivity series. comment upon noble metals and uses of metals, nonmetals and alloys</p>	
Chapter 4	<p>FORCE AND PRESSURE define, identify and classify force and its types. understand the concept of pressure and its applications relate force with pressure</p>	
Chapter 5	<p>FRICTION identify various types of friction. appreciate that friction is a necessity as well as a nuisance. understand methods of increasing and decreasing friction</p>	
Chapter 6	<p>SOURCES OF ENERGY classify the sources of energy on the basis of their occurrence, physical state and availability. understand what are fossil fuels, their occurrence in nature and their processing. apply the knowledge of different types of fuels to understand the importance of cleaner fuels and alternative sources of energy..</p>	
Chapter 7	<p>REFRACTION AND DISPERSION OF LIGHT understand the concept of refraction using various optical devices and its causes. draw and identify images formed by concave and convex lens. know the uses of lens in various fields</p>	
Chapter 8	<p>THE HUMAN EYE draw the structure and appreciate the function of the human eye. understand the various defects of vision and ways to take care of eyes. be sensitized towards the resources available for visually challenged.</p>	
Chapter 9	<p>SOUND ; know the mechanism of production of sound by humans and various animals. understand the structure of ear and persistence of hearing identify causes and effects of noise pollution and ways to limit noise pollution.</p>	
Chapter 10	<p>SYNTHETIC FIBRES AND PLASTICS understand what are synthetic fibres.</p>	

DAV Public Sr.Sec.School, Bharoli (Nadaun)

Entrance test Syllabus (2024-25)

Class :- 11th

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