

# AVB PUBLIC SCHOOL



## SYLLABUS

**SESSION : 2022-2023**

**CLASS – IV**

**SESSION: 2022 – 2023****CLASS – IV****ENGLISH****Books:****Course Book** :Willow (4)**Literature Reader** : Communicate with Cambridge (4)**Grammar** : Learning Grammar the Fun Way (4)**APRIL & MAY**

<b>Course Book</b>	<ul style="list-style-type: none"><li>• Lesson – 1 Bedtime (Poem)</li><li>• Lesson – 2 The Elves and the Shoemaker</li></ul>
<b>Literature Reader</b>	<ul style="list-style-type: none"><li>• Lesson – 1 A Crow in the House</li><li>• Lesson – 2 The Quarrel (Poem)</li></ul>
<b>Grammar</b>	<ul style="list-style-type: none"><li>• Nouns – Kinds, Numbers, Genders [Pg no. 1 to 9]</li></ul>
<b>Writing Skills</b>	<ul style="list-style-type: none"><li>• Paragraph Writing</li></ul>
<b>Speaking Skill</b>	<ul style="list-style-type: none"><li>• Evaluate yourself (Self Introduction)</li><li>• Class Discussion: 'Baisakhi'</li><li>• Speak about your daily routine in detail.</li><li>• Narrate an event when you and your sibling quarrel.</li></ul>
<b>Creative Skill</b>	<ul style="list-style-type: none"><li>• Drawing a picture of two little elves dressed in their best clothes.</li><li>• Paste a picture of you and your sibling together.</li><li>• Prepare a time table of your daily routine.</li></ul>
<b>Learning Outcomes</b>	<p>The learners will be able to:</p> <ul style="list-style-type: none"><li>❖ Read aloud with appropriate pronunciation and pause.</li><li>❖ Recite a poem with proper rhythm.</li><li>❖ To enhance their ability to imagine and express freely.</li><li>❖ Improve creative writing skills.</li></ul>

## JULY

<b>Course Book</b>	<ul style="list-style-type: none"><li>• L – 3 The Legend of Prometheus</li><li>• L – 4 Waiting at the Window (Poem)</li></ul>
<b>Literature Reader</b>	<ul style="list-style-type: none"><li>• L – 3 Fair Play</li><li>• L – 5 Boats Sail on the Rivers (Poem)</li></ul>
<b>Grammar</b>	<ul style="list-style-type: none"><li>• Articles [ Page no. 10 &amp; 11 ]</li><li>• Sentences [ Page no. 12 &amp; 14 ]</li><li>• Verbs [ Page no. 15 &amp; 16 ]</li><li>• Unseen Poem (Revised)</li></ul>
<b>Writing Skill</b>	<ul style="list-style-type: none"><li>• Paragraph Writing</li><li>• Letter Writing</li></ul>
<b>Speaking Skill</b>	<ul style="list-style-type: none"><li>• Express your feelings: ‘What would you like to do if you could step out in the rain?’</li><li>• Narrate a popular story on the topic – ‘Creation of the Universe.’</li><li>• Class discussion: True Friendship</li></ul>
<b>Creative Skill</b>	<ul style="list-style-type: none"><li>• Make a beautiful rainbow.</li><li>• Locate Greece in an atlas.</li><li>• Write names and draw pictures of some indoor games.</li></ul>
<b>Learning Outcomes</b>	<p><b><u>The learners will be able to:</u></b></p> <ul style="list-style-type: none"><li>• Read aloud with appropriate pause.</li><li>• Recite a poem with proper intonation and expressions.</li><li>• Use suitable articles in sentences.</li><li>• Express freely and creatively.</li><li>• Understand the kinds of sentences.</li><li>• Know about the importance of letter writing.</li></ul>

## हिंदी

### पुस्तकें -

पाठ्यपुस्तक: वृद्धि (4)

व्याकरण :भाषा रंग तरंग (4)

### अप्रैल – मई

पाठ्य पुस्तक	<ul style="list-style-type: none"><li>• पाठ - 1 हम को मन की शक्ति देना</li><li>• पाठ - 2 नया सवेरा</li><li>• पाठ - 3 साहस की जीत</li></ul>
व्याकरण	<ul style="list-style-type: none"><li>• श्रुतलेख</li><li>• भाषा, व्याकरण एवं लिपि (पृष्ठ संख्या – 2-6)</li><li>• हमारी वर्णमाला (पृष्ठ संख्या – 7-11)</li><li>• संज्ञा (पृष्ठ संख्या – 12-14)</li><li>• अपठित गद्यांश (पृष्ठ संख्या – 61)</li></ul>
वाचन कौशल	<ul style="list-style-type: none"><li>• 'हमको मन की शक्ति देना' कविता याद करके कक्षा में सुनाएँ।</li><li>• कक्षा में चर्चा करना – आप अपने साथियों की मदद किस-किस तरह करते हैं ?</li></ul>
रचनात्मक कौशल	<ul style="list-style-type: none"><li>• अपने मित्र के लिए सुन्दर-सा एक कार्ड बनाइए।</li></ul>
शिक्षण उद्देश्य	<ul style="list-style-type: none"><li>• कविता को पूर्ण लय के साथ अभिव्यक्त करने की क्षमता का विकास करना।</li><li>• लेखन कार्य करते समय विराम चिह्नों का विशेष ध्यान रखना।</li><li>• मेहनत करके सफलता हासिल करने के लिए प्रेरित करना।</li></ul>

### जुलाई

पाठ्यपुस्तक	<ul style="list-style-type: none"><li>• पाठ – 4 मौसम रोज़ बदलता</li><li>• पाठ – 5 माँ की ममता</li><li>• पाठ – 6 मधुमक्खी से बातचीत</li></ul>
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<b>व्याकरण</b>	<ul style="list-style-type: none"> <li>• लिंग (पृष्ठ संख्या – 15-9)</li> <li>• वचन (पृष्ठ संख्या – 20-23)</li> <li>• सर्वनाम (पृष्ठ संख्या – 24-28)</li> <li>• प्रार्थना पत्र</li> </ul>
<b>वाचन कौशल</b>	<ul style="list-style-type: none"> <li>• कक्षा में चर्चा करना - समय पर काम करने के क्या लाभ हैं और समय पर काम न करने से क्या हानि हो सकती है ?</li> </ul>
<b>रचनात्मक कौशल</b>	<ul style="list-style-type: none"> <li>• अपनी माँ के लिए एक सुन्दर सा कार्ड बनाइए।</li> <li>• फूलों के आस-पास मँडराने वाले जीव-जंतुओं के नाम की सूची बनाइए।</li> </ul>
<b>शिक्षण उद्देश्य</b>	<ul style="list-style-type: none"> <li>• छात्रों में कल्पना व सृजनशीलता को विकसित करना ।</li> <li>• विभिन्न प्रकार के मौसम से परिचित करवाना।</li> <li>• पशु-पक्षियों के प्रति प्रेम और लगाव की भावना विकसित करना।</li> <li>• मधुमक्खी के जीवन और उसके संघर्ष से परिचित करवाना।</li> <li>• पाठ पढ़कर नए शब्दों के अर्थ से परिचित करवाना ।</li> </ul>

## MATHEMATICS

**Books:** Joy of Mathematics (4)

Maths Workbook (4)

## APRIL & MAY

<b>Ch – 1 Large Numbers</b>	<ul style="list-style-type: none"> <li>• Understanding Indian and International system of numeration</li> <li>• Skip Counting</li> <li>• Place Value and Face Value</li> <li>• Comparing 5 Digit Numbers</li> <li>• Expanded Notation</li> <li>• Roman Numerals</li> </ul>
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<p style="text-align: center;"><b>Ch – 2</b> <b>Addition and Subtraction</b></p>	<ul style="list-style-type: none"> <li>• Adding 3, 4 and 5 digit numbers with and without regrouping.</li> <li>• Subtracting 3 and 4 digit numbers with and without regrouping.</li> <li>• Finding the missing Addend, Minuend and Subtrahend</li> <li>• Word problems on addition and subtraction</li> <li>• Estimation</li> </ul>
<p style="text-align: center;"><b>Workbook</b></p>	<ul style="list-style-type: none"> <li>• Place value (Pg no. 1 to 4)</li> <li>• Addition and subtraction (Pg no. 5 to 8)</li> </ul>
<p style="text-align: center;"><b>Applied Maths</b></p>	<p><b><u>Let's Do it:</u></b></p> <ul style="list-style-type: none"> <li>• Representing numbers according to Indian and International System.</li> <li>• Using concept of Addition and Subtraction in their daily life.</li> </ul>
<p style="text-align: center;"><b>Learning Outcomes</b></p>	<p><b><u>The learners will be able to:</u></b></p> <ul style="list-style-type: none"> <li>• Understand Indian and International system of Numeration.</li> <li>• Compare numbers with up to 5 digits</li> <li>• Understand roman numerals system</li> <li>• Skip count.</li> <li>• Add and subtract numbers with up to 4 digits</li> <li>• Solve problem solving statement questions.</li> </ul>
<b>JULY</b>	
<p style="text-align: center;"><b>Ch – 2</b> <b>Addition and Subtraction</b> (to be continued..)</p>	<ul style="list-style-type: none"> <li>• Subtracting 3 and 4-digit numbers with and without regrouping.</li> <li>• Finding the missing Minuend and Subtrahend</li> <li>• Word problems of subtraction</li> <li>• Estimation</li> </ul>

<p><b>Ch – 3</b> <b>Multiplication</b></p>	<ul style="list-style-type: none"> <li>• Multiplication facts</li> <li>• Multiplication by 10, 100 and 1000</li> <li>• Multiplication by 1, 2 and 3 digit numbers</li> <li>• Word problems on multiplication.</li> </ul>
<p><b>Workbook</b></p>	<ul style="list-style-type: none"> <li>• Page no. 5 to 8</li> </ul>
<p><b>Applied Maths</b></p>	<ul style="list-style-type: none"> <li>• Using concept of subtraction and multiplication in daily life.</li> </ul>
<p><b>Learning Outcomes</b></p>	<p><b><u>The learners will be able to:</u></b></p> <ul style="list-style-type: none"> <li>• Subtract numbers upto 4 digits with or without regrouping.</li> <li>• Estimate and use inverse operations to check answers to a calculation</li> <li>• Multiply up to 4 digit numbers with up to 3 digit numbers.</li> <li>• Understand the application of multiplication in daily life.</li> <li>• Problem solving statement questions.</li> </ul>

**ENVIRONMENTAL STUDIES**

**Book-** I Care (4)

**APRIL & MAY**

<p><b>Ch – 1</b> <b>Organs and Organ Systems</b></p>	<ul style="list-style-type: none"> <li>• Different types of organ system</li> <li>• The skeletal system and muscular system</li> <li>• The circulatory system and respiratory system</li> <li>• The digestive system and nervous system</li> <li>• Working of excretory system</li> </ul>
<p><b>Ch – 4</b> <b>My Family</b></p>	<ul style="list-style-type: none"> <li>• Our family</li> <li>• Importance of family</li> <li>• Types of families</li> <li>• Changing role of family members</li> <li>• What do we learn from our family</li> </ul>

<p style="text-align: center;"><b>Ch – 6</b> <b>Mapping the Neighbourhood</b></p>	<ul style="list-style-type: none"> <li>• Maps</li> <li>• Landmarks</li> <li>• Directions</li> <li>• Symbols used in a map</li> <li>• Aerial view</li> </ul>
<p style="text-align: center;"><b>Critical Thinking Skill</b></p>	<ul style="list-style-type: none"> <li>• Let’s talk about – i) Landmark ii) Working of human body</li> </ul>
<p style="text-align: center;"><b>Application &amp; Creative Skill</b></p>	<ul style="list-style-type: none"> <li>• Making a chart of any one of the <b>organ system</b>.</li> <li>• Fill the states of India in political map.</li> </ul>
<p style="text-align: center;"><b>Learning Outcomes</b></p>	<p><b><u>The learners will be able to:</u></b></p> <ul style="list-style-type: none"> <li>❖ know about the parts of human body.</li> <li>❖ understand the need for caring human body.</li> <li>❖ exploring about the different types of families.</li> <li>❖ know about the directions.</li> <li>❖ get information about the landmark near your house.</li> </ul>
<b>JULY</b>	
<p style="text-align: center;"><b>Ch – 2</b> <b>Tongue and Teeth</b></p> <p style="text-align: center;"><b>Ch – 3</b> <b>Sense Organs</b></p>	<ul style="list-style-type: none"> <li>• Tongue and teeth</li> <li>• Temporary teeth and permanent teeth</li> <li>• Types of teeth</li> <li>• Dental care</li> <li>• Sense organs in our body</li> <li>• Concept of good touch and bad touch</li> <li>• Allergies</li> <li>• People with disabilities</li> </ul>



<p><b>Ch – 5 Extended Families</b></p> <p><b>Ch – 8 Work People Do</b></p>	<ul style="list-style-type: none"> <li>• Extended family</li> <li>• Family occasions</li> <li>• Learning from one another</li> <li>• Family traditions and values</li> <li>• Decision making in a family</li> </ul> <ul style="list-style-type: none"> <li>• How are skills learnt</li> <li>• Local crafts people</li> <li>• People with professional skills</li> <li>• People in uniform</li> <li>• Gender equality at work</li> </ul>
<p><b>Critical Thinking Skill</b></p>	<ul style="list-style-type: none"> <li>• <b>Let’s talk about -</b> <ol style="list-style-type: none"> <li>1. Importance of ‘Gender Equality’</li> <li>2. Dental care</li> </ol> </li> </ul>
<p><b>Application &amp; Creative Skill</b></p>	<ul style="list-style-type: none"> <li>• Identifying and labeling the types of teeth.</li> <li>• Making a collage of pictures showing professions that are associated with uniforms.</li> </ul>
<p><b>Learning Outcomes</b></p>	<p><b><u>The learners will be able to:</u></b></p> <ul style="list-style-type: none"> <li>• Know about the different types of teeth.</li> <li>• Get information about dental care.</li> <li>• Know about good touch and bad touch.</li> <li>• Get information about different types of families.</li> <li>• Identify the people with professional skills.</li> </ul>
<p><b>COMPUTER SKILLS</b></p>	
<p><b><u>Book-</u></b> Next IT Skills (4)</p>	
<p><b><u>Objective skills</u></b> : To develop the skills of using computer application software for solving problem.</p>	

**APRIL & MAY**

**THEORY**

**Ch- 1 Data and Information**

- Definition- Data and Information
- Measurement of Data, Types of memory

**Ch-2 Files and Folders in Windows 10**

- Create files/folders, rename, delete, move, restore
- File explorer

**LAB SKILLS**

**Ch- 1 Data and Information**

- Lab Activity : Page no. 7

**Ch-2 Files and Folders in Windows 10**

- Lab Activity : Pg No. 18

**JULY**

**THEORY**

**Ch – 3 Page Formatting in MS Word**

- Text Formatting- Format Painter, Find Replace, Drop Cap effect
- Page Formatting – Page Layout, Border and Shading, Printing and Previewing, Shapes

**LAB SKILLS**

**Lab Activity: Page no. 36**

**LIFESKILLS & VALUE EDUCATION**

**Book-** Our Roots (4)

**APRIL & MAY**

L – 1 Treat Everyone Equal

L – 2 Respect Your Elders

**JULY**

L – 3 Honesty is Important

L – 4 Family Love

## GENERAL KNOWLEDGE

Book- GK Planet (4)

### APRIL & MAY

**Unit – 1**  
**Flora and Fauna**

- Ch – 1 Places Where Plants Grow
- Ch – 2 Delicious Spices
- Ch – 3 Look - alike Animals
- Ch – 4 Amazing Animals

**Unit – 2**  
**Science and  
Technology**

- Ch – 5 Body Quiz
- Ch – 6 Solar Family
- Ch – 7 Coronavirus

❖ Current Affairs

### JULY

**UNIT – 3**  
**Exploring India**

- Ch – 8 President of India
- Ch – 9 Indian Handicrafts
- Ch – 10 Freedom Movement
- Ch – 11 Famous Rulers

**UNIT – 4**  
**Exploring the  
World**

- Ch – 12 Famous Official Residences
- Ch – 13 A Glimpse of Asia
- Ch – 14 International Days
- Ch – 15 Sobriquets

**UNIT – 7**  
**Mental Ability**

- Ch – 24 Shades of Colours
- Ch – 25 Non-Verbal Reasoning
- ❖ Current Affairs

## DRAWING

**Book-** Wonder Land in Art (4)

### APRIL & MAY

#### Artistry Skills

- A Guide to Mixing colours (Pg no.3)
- Scenery (Pencil Shading Activity) (Pg no. 4 & 5)
- Magical Dots (Pg no. 6)
- Cartoon Characters (Pg no. 7)
- Blue Bird (Pg no. 8)
- Bubbles (Pg no. 9 &10)
- Pyramid (Pg no. 11)
- My Paper Collage (Pg no. 12)
- Circus Clown (Pg no. 13)

#### Paper Folding

- Pencil
- Fish

#### Learning Outcomes

- The learners will be able to :
- ❖ develop their shading skills.
  - ❖ develop their artistic skills.
  - ❖ develop their paper collage skills
  - ❖ encourage vision analysis.

### JULY

#### Artistry Skills

- Dotted flower (Mosaic pattern) (Pg no. 14)
- Siberian Cranes (Pg no. 15)
- Butterfly (Pg no. 16)
- Pencil hatching technique (Pg no. 17-18)
- Line landscape (Pg no. 19)
- Penguin (Pg no. 20-21)

<b>Paper Folding</b>	<ul style="list-style-type: none"> <li>• Star</li> <li>• Bird</li> <li>• Boat</li> </ul>
<b>Learning Outcomes</b>	<p><b><u>The learners will be able to:</u></b></p> <ul style="list-style-type: none"> <li>• Develop basic knowledge of art and craft.</li> <li>• Learn how to do cotton but activity.</li> <li>• Know the skills of origami.</li> </ul>

## MUSIC

APRIL – JULY

### ❖ Knowledge of Alankars

- सां नि ध नि ध प ध प म प म ग म ग रे ग रे सा

### ❖ Knowledge of Music

- Definition of 'Saptak and its types'

### ❖ Rhythmic Knowledge

- Taal Dadra with beats playing on hands

### ❖ Musical Themes

- जय जय पिता
- ऐ मालिक तेरे बंदे हम