

ARYAVART ANCIENT ACADEMY

A SENIOR SECONDARY SCHOOL

KHORDHA



SYLLABUS 2024-25

STD - VIII

**EXAM PATTERN**

	PERIODIC ASSESSMENT- I	PERIODIC ASSESSMENT- II	PERIODIC ASSESSMENT- III	ANNUAL
Full Marks	FM- 40	FM- 80	FM- 40	FM- 80
Chapters	As per the syllabus	As per the syllabus & All chapters of PA-I	As per the syllabus	FULL SYLLABUS
IA		Internal Assessment- 20		Internal Assessment- 20
1 Report Card	PA-I (10%), PA-II (70%), IA(20%) =100		PA-III (10%), AN (70%), IA(20%) =100	
Position	Annual Examination Percentage			



MATHEMATICS

Prescribed Book: NCERT BOOK

PERIODIC ASSESSMENT- I

Ch-1:-Rational Numbers

Ch-2:-Linear Equation in one Variable

Ch-4:-Practical Geometry

Ch-12:- Exponent and power

Activity: Preparing chart for all properties of rational numbers and Lab manual activity

PERIODIC ASSESSMENT- II

Ch-3:- Understanding Quadrilaterals

Ch-6:- Square and square root

Ch-7:- Cube and cube root

Ch-10:- Visualising Solid Shapes

Activity: Draw different types of Quadrilaterals and Lab Manual Activity

*** Including all chapters of PA-I**

PERIODIC ASSESSMENT- III

Ch-5:- Data Handling

Ch-9:- Algebraic Expression

Ch-13:- Direct and Inverse Proportion

Ch-15:- Introduction to Graph

Activity: Linear Graph by using match sticks and Lab Manual activity



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Ch-8:- Comparing Quantity

Ch-11:- Mensuration

Ch-14:- Factorisation

Ch-16:- Playing with Numbers

Activity: Card board house for your pet and Lab Manual Activity

* Full Syllabus

ENGLISH

Prescribed Book: Honey dew Textbook English

It so happened (MCB)

Skill Enhancer in English Language & Literature

PERIODIC ASSESSMENT- I

Literature:

Poem: 1-The ant and the cricket

2-Geography Lesson

2-The Tsunami

MCB-1-How the camel got his hump.2- Children at work.

Grammar: Determiners, Tenses

Activity: WRITING-Formal and Informal Letter

Newspaper reading, Quiz

Essay writing, speaking skill and listening skill



PERIODIC ASSESSMENT- II

Literature: 3-Glimpses of the past

Poem: 3-Macavity- The mystery Coat

4-Bipin Choudhury's lapse of memory.

4-The last bargain.

MCB-3-The selfish Gaint, 4-The treasure within

Grammar: 3-Modals, 4-Prepositions ,5-Subject verb agreement

Activity: WRITING-Email ,Notice, Article

Newspaper reading, debate,

extempore, role play

*** Including all chapters of PA-I**

PERIODIC ASSESSMENT- III

Literature: 5-The Summit Within

Poem: 5-The School Boy

6-This is Jody's Fawn

MCB-5-Princess September , 6-The Fight

Grammar: 6-Active and passive voice ,7-Reported Speech

Activity: WRITING

Short Story Writing

Diary Entry

Speaking skill, listening Skill,

Group Discussion, Dictionary study



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Literature: 8-A Short Monsoon Diary

Poem: 8-On the grasshopper and Cricket

9-The great stone face - 1

10-The great stone face – 2

MCB-8-Jalebis

Grammar: Reported Speech

Activity: Speaking Skill

listening Skill

Essay Writing

Group Discussion

Quiz

*** Full Syllabus**

ODIA

Prescribed Book: ସାହିତ୍ୟିକା

PERIODIC ASSESSMENT- I

ପଦ୍ୟ- ବୃକ୍ଷ ମାହାତ୍ମ୍ୟ

ଗଦ୍ୟ- ରୋଗୀସେବା, ଗଜ- ଡାକମୁନସି

ବ୍ୟାକରଣ- ଭାଷା ପରିଚୟ,ଧ୍ୱନି, ଲିପି ଓ ଅକ୍ଷର

ରଚନା- ଇଣ୍ଟରନେଟ୍

ପତ୍ର- ଆଜିକାଲି କମ୍ପ୍ୟୁଟରର ଉପକାରଣ ବର୍ଣ୍ଣନା କରି ସାନ ଭଉଣୀ ନିକତକୁ

ପତ୍ର ।



Activity: ବିଭିନ୍ନ ପ୍ରକାର ଡାକ ଚିକଟ ସଂଗ୍ରହ, କବିତା ପଠନ, ଖବରକାଗଜ ପଠନ, ଶ୍ରବଣ ଓ କଥନ ଦକ୍ଷତା, ବହି ପଠନ, ଶୁଭଲିଖନ

PERIODIC ASSESSMENT- II

ପଦ୍ୟ- ଉଦ୍ଘୋଷନ

ଗଦ୍ୟ- ଦରିଆ ଦଖଲ

ଏକାଙ୍କିକା- ସୁନା ନେଉଳ

ବ୍ୟାକରଣ- ଶବ୍ଦ ବିଭାଗ

ରଚନା- ସାକ୍ଷରତା ଅଭିଯାନ

ଦରଖାସ୍ତ- “ପରିବେଶର ସ୍ୱଚ୍ଛତା” ଶୀର୍ଷକଟିକୁ ସମ୍ବାଦପତ୍ରରେ ସ୍ଥାନିତ କରିବା ପାଇଁ ଦରଖାସ୍ତ ।

Activity: ଅର୍ଦ୍ଧସ୍ୱର୍ଣ୍ଣ ନେଉଳର ଚିତ୍ର ଲଗାଅ , ଡ୍ରାମା, କବିତା ପଠନ, ଖବରକାଗଜ ପଠନ, ଶ୍ରବଣ ଓ କଥନ ଦକ୍ଷତା, ବହି ପଠନ, ଶୁଭଲିଖନ

*** Including all chapters of PA-I**

PERIODIC ASSESSMENT- III

ପଦ୍ୟ- ଶିକ୍ଷାଦୀକ୍ଷା,

ଗଦ୍ୟ- ପ୍ରଗତି ଓ ମାନବ ଧର୍ମ

ଗଳ୍ପ- ଦଶହରା

ବ୍ୟାକରଣ- ପଦ ପରିଚୟ

ରଚନା- ବ୍ୟାୟାମର ଉପକାରିତା



ପତ୍ର- ଦେଖୁଥିବା ପୁସ୍ତକ ମଧ୍ୟାଂ ବିଷୟର ବର୍ଣ୍ଣନା କରି ସାଙ୍ଗ ନିକଟକୁ ପତ୍ର
ଲେଖ ।

Activity: ରାମ, ଲକ୍ଷ୍ମଣ ଓ ସୀତାଙ୍କ ବିଷୟରେ ଦଶ ଧାଡ଼ି ଚିତ୍ର ସହିତ ଲେଖ, କବିତା
ପଠନ, ଖବରକାଗଜ ପଠନ, ଶ୍ରବଣ ଓ କଥନ ଦକ୍ଷତା,
ବହି ପଠନ, ଶୁଭଲିଖନ

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ପଦ୍ୟ- ଜାତୀୟ ପତାକା , ବଣିଷ୍ଠ ଓ ବିଶ୍ୱାମିତ୍ର

ଗଦ୍ୟ- ଚେଙ୍କ ଆତଙ୍କ

ଏକାଙ୍କିକା- ଆହୁତି

ବ୍ୟାକରଣ- ବାକ୍ୟ ବିଭାଗ

ରଚନା- ସ୍ୱାସ୍ଥ୍ୟ ସମ୍ପଦ

ଦରଖାସ୍ତ- ରାସନକାର୍ଡ ପ୍ରଦାନ ନିମନ୍ତେ କର୍ତ୍ତୃପକ୍ଷଙ୍କୁ ଦରଖାସ୍ତ ।

Activity: ବିଭିନ୍ନ ରକ୍ଷିମାନଙ୍କର ଚିତ୍ର ଲଗାଅ, ଡ୍ରାମା, କବିତା ପଠନ, ଖବରକାଗଜ
ପଠନ, ଶ୍ରବଣ ଓ କଥନ ଦକ୍ଷତା, ବହି ପଠନ, ଶୁଭଲିଖନ

* Full Syllabus

HINDI

Prescribed Book: वसंत , उमंग

PERIODIC ASSESSMENT- I

1. ध्वनि
2. लाख की चुड़ियाँ



व्याकरण - 7. शब्द रचना - उपसर्ग, शब्द रचना - प्रत्यय
लिखन- अनुच्छेद, संवाद

Activity: परियोजना कार्य ---- लाख की वस्तुओं का निर्माण
भारत के किन-किन राज्यों में होता है? , लाख से बनी
चिजों की सचित्र तालिका।

PERIODIC ASSESSMENT- II

6. भगवान के डाकिया
7. क्या निराश हुआ जाए
9. कबीर की साखियाँ
10. काम चोर

व्याकरण- 3.संधि 9. समास
10.संज्ञा के विकार- लिंग
लिखन- पत्र, विज्ञापन

Activity: कबीर के जीवन एवं मुख्य उद्देश्यों को चित्र सहित
वर्णन |
आत्म विश्वास पर अभिभाषण

*** Including all chapters of PA-I**

PERIODIC ASSESSMENT- III

3. जहाँ पहिया है
14. अकबरी लोटा



लिखन- अपठित गद्यांश, अपठित पद्यांश

व्याकरण 12. संज्ञा के विकार - कारक

15. क्रिया, काल

Activity: कारक की परिभाषा को लिखते हुए कारक के भेद और चिह्न को पेड़ चित्र द्वारा दर्शाए |

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15. सूरदास के पद

17. बाज और साँप

18. टोपी

व्याकरण 19. पद परिचय

20. वाक्य और पद बंध

22. विराम चिह्न

35. विज्ञापन लेखन

लिखन- प्रगति के अनुसार

Activity: सूरदास की रचना शैली को लेकर स्वरचित कविता

* Full Syllabus

SANSKRIT

Prescribed Book: NCERT (रूचिरा)

PERIODIC ASSESSMENT- I



पाठ्यपुस्तक- सुभाषितानि

विलत्य वाणी न कदापि मे श्रुता

डिजी भारतम्

सदैव पुरतो निधेहि चरणम्

व्याकरण-

शब्दरूपाणि

धातुरूपाणि

संन्धि

Activity:

शब्दरूपाणि चार्ट

PERIODIC ASSESSMENT- II

पाठ्यपुस्तक- कण्टकेनैव कणटकम्

गृहं शून्यं सूतां विना

भारतजनता अहम्

संसार सागरस्य नायकाः

व्याकरण-

शब्दरूपाणि

धातुरूपाणि

Activity:

सप्त राज्यानां एकं चित्रं

*** Including all chapters of PA-I**

PERIODIC ASSESSMENT- III

पाठ्यपुस्तक-

सप्तभगिन्यः

नीतिनवनीतम्

सावित्री बाई फुले



व्याकरण- शब्दरूपाणि
धातुरूपाणि

Activity: नीतिनवनीतम् बिषये एकं प्रबन्धं लेखनम् ।

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पाठ्यपुस्तक- कः रक्षति कः रक्षितः
क्षितौ राजते भारतस्वर्णभूमिः
आर्यभटः

व्याकरण- अनुवाद कार्यं
Activity: प्रकृत्याः एकं चित्रं

* **Full Syllabus**

SCIENCE

Prescribed Book: NCERT SCIENCE

PERIODIC ASSESSMENT- I

PHYSICS: Force and Pressure

Activity: Liquid Pressure

CHEMISTRY: Synthetic Fiber and Plastics

Activity: Make a chart of types of fiber

BIOLOGY: Ch-1: Crop production and management

Activity: quality of seed



PERIODIC ASSESSMENT- II

PHYSICS:	Some natural phenomenon, Friction
Activity:	Cyclone, model to explain friction
CHEMISTRY:	Materials: Metals and non metals Coal and petroleum
Activity:	Reaction of Sodium & water, Important of Petroleum
BIOLOGY:	Ch-2: Microorganisms: friend and foe Ch-7: Conservation of plants and animals
Activity:	Name different micro-organisms and the diseases caused by them

*** Including all chapters of PA-I**

PERIODIC ASSESSMENT- III

PHYSICS:	Sound
Activity:	Instruments of sound production
CHEMISTRY:	Combustion and flame
Activity:	Zones of a flame
BIOLOGY:	Reproduction in animals
Activity:	Draw the reproductive system of male & female



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PHYSICS: Light

Activity: Model to explain rectilinear propagation of light

CHEMISTRY: Chemical effects of current , pollution of air and water

Activity: liquids conduct electricity , Magnetic effects of current, Ozone layer

BIOLOGY: Reaching the age of adolescence

Activity: Write about the changes marked during adolescence

* **Full Syllabus**

SOCIAL SCIENCE

Prescribed Book: Getting ahead in Social Science

PERIODIC ASSESSMENT- I

History- Ch-1 How, When, Where

Activity: GD: Timeline of modern history, Map work

Geo- Ch-1 Resources

Activity: Make chart on different resources, Map work

Pol Sc- Ch-1 Indian Constitution

Activity: GD : Compare Indian Constitution with UK

PERIODIC ASSESSMENT- II

History- Ch-2 Trade to territory

Ch-3 Rulling over country side



- Activity: Map work, Quiz, Case study on east India company
Geo- Ch-2 Land, soil, water, natural vegetation and wildlife resource
Activity: GD : How to conserve soil, land & water, Map work
Pol Sc- Ch-2 Understanding secularism
Ch-3 Why do we need a parliament
Activity: GD: Secularism of India, Seminar: working of parliament

*** Including all chapters of PA-I**

PERIODIC ASSESSMENT- III

- History- Ch-5 When People Rebel
Activity: Paste the picture rebellion, Map work
Geo- Ch-4 Agriculture
Activity: Paste the picture of cash crop & food crops
Map work
Pol Sc- Ch-4 Understanding law
Ch-5 Judiciary
Activity: GD: Integrated law system in India, Seminar

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- History- Ch-8 Women caste system
Ch-9 Making of national movement
Activity: Quiz, Case study on women caste, picture of freedom fighters, Map work
Geo- Ch-5 Industry
Ch-6 Human resources
Activity: Locate the major industries in India, Map work
Pol Sc- Ch-7 Understanding Marginalism
Ch-9 Public facilities
Ch-10 Law and Social Justice



Activity: GD:, Seminar: water as a part of fundamental right, Condition of the adivasi in India, Law justice system in India

* Full Syllabus

GENERAL KNOWLEDGE

Prescribed Book: General Knowledge (Edulush Publication)

PERIODIC ASSESSMENT- II

UNIT- INDIA@75

UNIT - ANIMAL LIFE

UNIT- RELIGION & MYTHOLOGY

UNIT -WALK THROUGH INDIA

UNIT -OUR WORLD

UNIT - AWARDS & HONOURS

Activity: Prepare a list of Nobel Puraskar winners of India

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UNIT - FACETS OF SCIENCE

UNIT - TECH PRECINCT

UNIT - LANGUAGE & LITERATURE

UNIT - SPORTS

UNIT - MELODY & RHYTHM

UNIT - ART & ENTERTAINMENT

Activity: Life story of any one sports person



COMPUTER

**Prescribed Book: Step by Step COMPUTER LEARNING
(S. Chand Publication)**

PERIODIC ASSESSMENT- II

1. Operating System and Graphical User Interface
2. Spreadsheets - Functions and Charts
3. Algorithms and Flowcharts
5. App Development

Activity: Practicals, Flowcharts, Spreadsheets Charts

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6. Computer Networks
7. Cloud Computing
8. GIMP
9. AI-History, Domains, Applications and Ethics

Activity: Practicals, Network pictures, Pictures of AI

ART

Prescribed Book: Creative planet – 3 (Laxmi Publication)

PERIODIC ASSESSMENT- II

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HPER

A. GAMES/SPORTS*

- | | |
|--|----------------------|
| 1. Athletics (Running , jumping ,
throwing) | 10. Volleyball |
| 2. Basketball | 11. Ludo |
| 3. Badminton | 12. Chess |
| 4. Cricket | 13. Tug of war |
| 5. Football | 14. Carrom |
| 6. Table Tennis | 15. Yoga |
| 7. Taekwondo | 16. Indigenous Games |
| 8. Kho- Kho | |
| 9. Kabaddi | |

B. HEALTH'S AND FITNESS

C. Fitness Tests

D. Annual Sports Activities.