

2023-2024 (GRADE 9 Curriculum & Assessment Annual Planner)**

SUBJECT :-SOCIAL SCIENCE

STUDENTS' COPY

LEARNING OUTCOMES

- Explore and appreciate the main events of History that have shaped the politics of the world.
- Identify the locational significance of India.
- Examine the major landforms, river systems and their contribution to the economy.
- Appreciate the diversity of flora and fauna. Evaluate the role of monsoon type of climate.
- Analyse the importance of people as a resource.
- Examine the constitutional structure of Indian Democracy

Curriculum Planner

<u>March-April</u>	<u>May(14)</u>			
<u>P.Sc</u> : Ch-1 What is Democracy? Why Democracy?	<u>Hist</u> : Ch-1- The French Revolution(contd.)			
<u>Geog</u> : Ch-1 India Size and Location	<u>Eco</u> : Ch-1 The Story of Village Palampur			
<u>Hist</u> : Ch-1- The French Revolution(Intro.)	<u>Geog</u> :Ch-2: Physical Features of India.(Intro.)			
	<u>D.M.</u> : Hazards and Mitigation Strategies(project)+ viva			

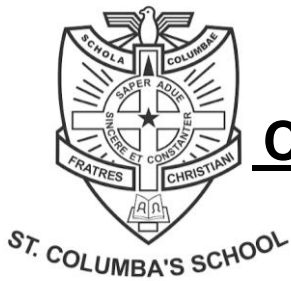
Assessment Planner

PA-1 (20 marks)

1. Hist : Ch-1 The French Revolution (till Page No. 16-Reign of terror included)

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| 2. Geog : Ch-1 India Size and Location |
| 3. Eco : Ch-1 The Story of Village Palampur |
| 4. P.Sc : Ch-1 What is Democracy? Why Democracy? |
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**** Subject to change as per CBSE DIRECTIVES**



Academic Year 2023-2024

Curriculum & Assessment Annual Planner)

Subject: - Art Education

CLASS: - 9

LEARNING OUTCOMES

- Demonstrate safe and proper use, care, and storage of media, materials, and equipment used in Art work.
- Develop critical thinking skills.
- Demonstrate evidence of reflection, thoughtfulness, and care in selecting ideas and completing work.
- Demonstrate refined observational skills.
- Understand and apply Elements of Art (line, shape, form, texture, colour, value, and space) and Principles of Art (repetition, variety, rhythm, proportion, movement, balance, emphasis, and unity) in work that effectively communicates their ideas.

Graded Ability Levels

Grade A - 81-100 marks

Grade B - 61-80 marks

Grade C - 41-60 marks

Grade D - 33-40 marks

Grade E - 10-32 marks

Criteria for Assessing the Graded Levels

- Observation
- Participation
- Interest
- Motivation
- Originality
- Creativity
- Imagination
- Inquisitiveness
- Timely completion and submission of work

Assessment Tools

Art File

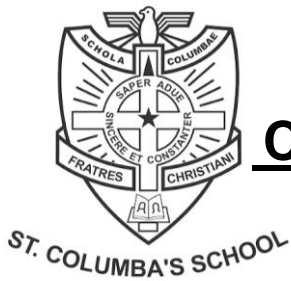
Portfolio

Group Activities

Involvement in Art Exhibition/Competitions and other Art activities

Curriculum Planner : TERM-1 and TERM-2

<u>April</u>	<u>May</u>	<u>July</u>	<u>Aug</u>	<u>Sep</u>
<ul style="list-style-type: none"> • Elements and Principles of Art • 2D Composition using geometrical shapes • 3D geometrical shapes 	<ul style="list-style-type: none"> • Pattern Designs • Doodle Art 	<ul style="list-style-type: none"> • News Paper Art <ul style="list-style-type: none"> • Zentangles (Art therapy) 	Folk Art <ul style="list-style-type: none"> • Warli Painting • Madhubani Painting 	Poster Design Topic: Social Awareness
<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>
<ul style="list-style-type: none"> • Calligraphy • News Paper Art • Slogan writing 	Floor Art <ul style="list-style-type: none"> • Rangoli • Alpana • Mandana 	Paper Craft <ul style="list-style-type: none"> • Using waste paper • Mask Making 	<ul style="list-style-type: none"> • Charcoal Shading • Pencil shading 	<ul style="list-style-type: none"> • Compilation of entire year's work



Academic Year 2023-2024

Curriculum & Assessment Annual Planner)

Subject: - Art Education

CLASS: - 9

LEARNING OUTCOMES

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Assessment Tools

Art File

Portfolio

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Academic Year 2023-2024

Curriculum & Assessment Annual Planner **

Subject:- Mathematics Class:- 9

(Student's Copy)

LEARNING OUTCOMES

The students will be able to:

1. Apply logical reasoning in classifying real numbers, proving their properties and using them in different situations.
2. Identify /classify polynomials among algebraic expressions and factorise them by applying appropriate algebraic identities.
3. Relate the algebraic and graphical representations of a linear equation in one/two variables and apply the concepts to daily life situations.
4. Identify similarities and differences among different geometrical shapes.
5. Derive proofs of mathematical statements particularly related to geometrical concepts, like parallel lines, triangles, quadrilaterals, circles etc. by applying an axiomatic approach and solving problems using them.
6. Find areas of all types of triangles by applying appropriate formulae.
7. Construct different geometrical shapes like bisectors of line segments, angles, and triangles under given conditions and provide reasons for the processes of such constructions.
8. Develop strategies to locate points in a Cartesian plane.
9. Identify and classify the daily life situations in which mean, median and mode can be used.
10. Analyse data by representing it in different forms like, tabular form (grouped or ungrouped), bar graph, histogram (with equal and varying width and length), and frequency polygon.
11. Calculate empirical probability through experiments.
12. Derive formulas for surface areas and volumes of different solid objects like, cubes, cuboids, right cylinder, right cone and sphere.

Curriculum Planner

<u>Mar-April</u> Number System Heron's Formula Euclid Geometry	<u>May</u> Lines & Angles	<u>July</u> Coordinate Geometry Linear Equations	<u>Aug.</u> Statistics	<u>Sep</u> Revision Triangles
<u>Oct</u> Triangles contd. Quadrilaterals	<u>Nov</u> Circles	<u>Dec</u> Polynomials	<u>Jan</u> Surface Areas & Volumes	<u>Feb</u> Revision

Assessment Planner

PA-1 (20 Marks)

Number System
Heron's Formula
Euclid Geometry

PA-2 / Half Yearly (80 Marks)

Number System
Heron's Formula
Euclid Geometry
Lines & Angles
Coordinate Geometry
Linear Equations
Statistics

PA-3 (20 Marks)

Triangles
Quadrilaterals

Multiple Assessment (MA) (5 marks)

MA1 Coordinate Geometry

MA2 Circles

Portfolio Assessment (PORT) 5 Marks

PORTFOLIO 1 Lines & Angle

PORTFOLIO 2 Quadrilaterals

Subject Enrichment (SE) 5 Marks

SE1 4 Lab activities

SE2 4 Lab activities

Annual Exam (80 Marks)

Number System
Heron's Formula
Euclid Geometry
Lines & Angles
Coordinate Geometry
Linear Equations
Statistics
Triangles
Quadrilaterals
Circles
Surface Areas & Volumes
Polynomials

****Subject to change as per CBSE directives.**

**2023-2024 (GRADE 9 EngCurriculum & Assessment Annual
Planner)****

SUBJECT :-ENGLISH

STUDENT'S COPY

LEARNING OUTCOMES

Students should be able to:

1. identify the main points of a text;
2. understand relations between different parts of a text through lexical and grammatical cohesive devices;
3. anticipate and predict what will come next in a text;*
4. deduce the meaning of unfamiliar lexical items in a given context;
5. consult a dictionary to obtain information on the meaning and use of lexical items;*
6. analyse, interpret, infer (and evaluate) the ideas in the text;
7. select and extract, from a text, information required for a specific
8. express ideas in clear and grammatically correct English, using appropriate punctuation and cohesive devices;
9. write in a style appropriate for communicative purposes;
10. plan, organise and present ideas coherently by introducing, developing and concluding a topic;
11. adopt different strategies to convey ideas effectively according to purpose, topic and audience
(including the appropriate use of polite expressions);
12. narrate incidents and events, real or imaginary in a logical sequence.

Curriculum Planner				
<u>April</u>	<u>May</u>	<u>July</u>	<u>Aug</u>	<u>Sep</u>
LIT: *How I Taught My Grandmother To Read LIT: *The Brook MCB: *Unit 1 People *Writing Skills: Notice Writing GRAMMAR:Tenses WORK BOOK: *Unit 1 &2	LIT: * The Road Not Taken MCB: Unit 2 Adventure *Writing Skills : Informal Letter WORK BOOK : * Unit 3	LIT: * A Dog Named Duke *The Solitary Reaper MCB: * Writing Skills – Informal Letter Contd.. Grammar: Modals WORK BOOK: *Unit 4	LIT: *Villa For Sale (Intro..) MCB: *Unit 3 Environment *Writing Skills – Practice Grammar: Subject Verb Agreement Integrated Grammar WORK BOOK	LIT: * Villa For Sale (continued) MCB: * Unit 4 *Writing Skills Practice Integrated Grammar Revision(Gap filling, editing,omission)
<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>
LIT: * The Man Who Knew Too Much *Keeping It From Harold * The Seven Ages MCB:* Unit 5 *Writing Skills: Dialogue writing GRAMMAR: Reported Speech WORK BOOK:* Unit 5 *Integrated Grammar	LIT: * Bestseller •Oh ! I Wish I'd Looked After Me Teeth,Song Of The Rain MCB : * Unit 6 Children *Writing Skills: Paragraph Writing (based on MCB topics) GRAMMAR:Claus esWORKBOOK : Unit 6	LIT: * The Bishop's Candlesticks MCB : * UNIT 7 Sports and Games *Writing Skills WORK BOOK : *Unit 7 Reported Speech • Integrated Grammar	LIT: * Revision MCB : * Writing Skills Practice WORK BOOK : * Unit 8 • Integrated GrammarRevision(Gap filling,editing,omission , sentence transformation)	Revision for Term 2

Assessment Planner

PA-1 (20 marks)

LITERATURE: How I Taught My Grandmother To Read

•The Brook

Writing Skills – Notice Writing, Informal Letter

Grammar: Editing/Omission, Gap Filling

Half Yearly (PA-2) (80 marks)

LITERATURE: *How I Taught My Grandmother To Read

*The Brook

*The Road Not Taken

*A Dog Named Duke

*The Solitary Reaper

*Villa For Sale

Writing Skills: Notice writing, Informal Letter

Integrated Grammar (Based on Term 1 topics)

PA-3 (20 marks)

Literature: The Man Who Knew too Much , Seven Ages (Poem)

Paragraph Writing

Grammar: IGE (Editing/Omission, Reported Speech)

Multiple Assessment (MA) (5 marks)

MA1: Spell vocab

MA2: Poem Recitation

Portfolio Assessment (PORT) (5 marks)

PORTFOLIO 1: Notebook Evaluation Term 1

PORTFOLIO 2 : Notebook Evaluation Term 2

Subject Enrichment (SE) (5 marks)

SE1: Listening Skills (Based on Sikkim)

SE2: ASL (Assessment of listening and Speaking Skills)

Annual Exam (80 marks)

Literature: How I Taught My Grandmother To Read, The Brook, The Road Not Taken, A Dog Named Duke, The Solitary Reaper, Villa For Sale, The Man Who Knew Too Much, Keeping It From Harold , The Seven Ages, Bestseller, Oh ! I Wish I'd Looked After Me Teeth, Song Of The Rain, Bishop's Candlesticks.

Writing Skills: Notice writing, Informal Letter , Dialogue Writing, Paragraphs (Based on given situations)

Integrated Grammar (Based on Subject Verb Agreement, Modals, Tenses, Determiners, Clauses, Reported Speech)

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2023-2024 (GRADE 9 Curriculum & Assessment Annual Planner)**

SUBJECT :- HINDI

STUDENT'S COPY

LEARNING OUTCOMES

छात्र - निम्न कौशलों की क्षमता ग्रहण करेंगे ।

साहित्य- पाठों के माध्यम से आलोचनात्मक चिंतन, तार्किकता, सराहना, मूल्यांकन, सृजनात्मकता, कल्पनाशीलता, अभिव्यक्ति में मौलिकता एवं जीवन-मूल्यों की पहचान सीखने-समझने में समर्थ होंगे ।

व्याकरण- व्याकरण के माध्यम से व्याकरणिक संरचनाओं का बोध, प्रयोग, विश्लेषण व भाषिक कौशल सीखने में समर्थ होंगे ।

रचनात्मक कार्य - रचनात्मक कार्य के माध्यम से अभिव्यक्ति की मौलिकता, सृजनात्मकता, भाषा में प्रवाह, उचित प्रारूप का प्रयोग, संकेत बिन्दुओं का विस्तार व विचारों को सोदाहरण अभिव्यक्त करने में सक्षम होंगे।

Curriculum Planner

April	May	July	Aug	Sep
स्पर्श - गद्य - दुख का अधिकार पद्य - रहीम व्याकरण - अनुस्वार, अनुनासिक, अपठित-गद्यांश, अनुच्छेद-लेखन, शब्द व पद , उपसर्ग-प्रत्यय	स्पर्श - गद्य - तुम कब जाओगे अतिथि पद्य - अग्निपथ व्याकरण - संवाद लेखन अर्थ की दृष्टि से वाक्य-भेद, अपठित-गद्यांश, चित्र वर्णन , शब्द व पद	संचयन - गिल्लू, स्मृति स्पर्श - गद्य - धूल (अपठित-गद्यांश) व्याकरण - स्वर संधि, चित्र वर्णन अनुच्छेद-लेखन, अनौपचारिक-पत्र, संवाद लेखन	स्पर्श - गद्य - एवरेस्ट मेरी शिखर-यात्रा पद्य - रैदास व्याकरण - विराम-चिह्न, अनुस्वार-अनुनासिक, उपसर्ग-प्रत्यय, अपठित-गद्यांश	प्रथम सत्र के गद्य व पद्य के समस्त कार्य का तथा व्याकरण कार्य का पुनः अभ्यास

<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>
<u>स्पर्श</u> - <u>पद्य</u> - खुशबू रचते हैं हाथ , नए इलाके में <u>व्याकरण</u> - अनौपचारिक-पत्र, संवाद- लेखन अनुच्छेद-लेखन, अपठित-गद्यांश	<u>स्पर्श</u> - <u>गद्य</u> - वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकटरामन गद्य - कीचड़ का काव्य <u>व्याकरण</u> - चित्र वर्णन संवाद-लेखन, अनुच्छेद-लेखन	<u>स्पर्श</u> - <u>पद्य</u> गीत - अगीत <u>संचयन</u> - कल्लू कुमार की उनाकोटी <u>व्याकरण</u> - संवाद-लेखन,उपसर्ग-प्रत्यय, चित्र वर्णन	<u>स्पर्श</u> - <u>गद्य</u> - शुक्र तारे के समान <u>संचयन</u> - मेरा छोटा - सा निजी पुस्तकालय <u>व्याकरण</u> - स्वर संधि अनौपचारिक-पत्र, संवाद-लेखन , विराम चिन्ह, अनुस्वार-अनुनासिक	प्रथम सत्र व द्वितीय सत्र के गद्य व पद्य के समस्त कार्य का तथा व्याकरण कार्य का <u>पुनः अभ्यास</u>

Assessment Planner

PA-1 (20 marks)

स्पर्श - दुख का अधिकार

व्याकरण - अनुस्वार, अनुनासिक, उपसर्ग-प्रत्यय , अपठित-गद्यांश

Half Yearly (PA-2) (80 marks)

स्पर्श - पद्य - रहीम, रैदास, अग्निपथ

गद्य- दुख का अधिकार, एवरेस्ट मेरी शिखर-यात्रा, तुम कब जाओगे अतिथि ,धूल

संचयन - गिल्लू, स्मृति

व्याकरण - शब्द व पद, अनुस्वार, अनुनासिक, उपसर्ग-प्रत्यय, वाक्य-भेद, विराम चिन्ह ,स्वर संधि ,
चित्र वर्णन , संवाद लेखन , अनुच्छेद , अनौपचारिक पत्र लेखन व अपठित – गद्यांश

PA-3 (20 marks)

स्पर्श - वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकटरामन , नए इलाके में

व्याकरण - अपठित – गद्यांश, स्वर संधि

Multiple Assessment (MA) (5 marks)

MA1 - अपठित – गद्यांश

MA2 - संवाद लेखन

Portfolio Assessment (PORT) (5 marks)

PORTFOLIO 1 - परियोजना कार्य - सिक्किम के पर्यटन स्थल के चित्र लगाकर उसका अपने शब्दों में वर्णन कीजिए | (A4 size शीट पर कार्य करेंगे |)

PORTFOLIO 2 - अनौपचारिक-पत्र / अनुच्छेद-लेखन

Subject Enrichment (SE) (5 marks)

SE1 - रहीम के दोहे (मौखिक वाचन)

SE2 - श्रवण-कौशल कार्य (ASL-ACTIVITY)

Annual Exam (80 marks)

स्पर्श - गद्य- दुख का अधिकार, एवरेस्ट मेरी शिखर-यात्रा, तुम कब जाओगे अतिथि ,धूल, शुक्र तारे के समान ,
कीचड़ का काव्य , वैज्ञानिक चेतना के वाहक ,

पद्य- रहीम , रैदास, अग्निपथ,गीत - अगीत, खुशबू रचते हैं हाथ, नए इलाके में

संचयन- गिल्लू, स्मृति, मेरा छोटा - सा निजी पुस्तकालय , कल्लू कुमार की उनाकोटी

व्याकरण- अनुस्वार, अनुनासिक, उपसर्ग, प्रत्यय, स्वर संधि, वाक्य के भेद , विराम चिन्ह

अनुच्छेद-लेखन,अनौपचारिक-पत्र,संवाद-लेखन, चित्र वर्णन , अपठित – गद्यांश

****प्रथम सत्र व द्वितीय सत्र** का समस्त साहित्य पाठ्यक्रम तथा व्याकरण कार्य वार्षिक परीक्षा में पूछा जाएगा ।

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2023-2024 (GRADE 9 Curriculum & Assessment Annual Planner)**

SUBJECT :-LIBRARY

STUDENT'S COPY

LEARNING OUTCOMES

- Library rules- objective- to use library effectively.
- Introduction to different genre - objective—will be able to understand and differentiate among the books.
- Introduction to different authors—objective—will be able to categorised their writing under different genres.
- Related Vocabulary - objective - students will learn new words and their usage.
- Read Aloud will help students to enhance their reading skills and create interest in reading. It will also improve their pronunciation.
- Guided Reading will trigger their interest in reading.

Maintaining reading log will motivate them.

Following titles for compulsory reading:

THE INCIDENT OF THE DOG IN THE NIGHT TIME BY MARK HADDON

Curriculum Planner				
<u>April</u>	<u>May</u>	<u>July</u>	<u>Aug</u>	<u>Sep</u>
Introduction of Library Rules for classes. Introduction of the book assigned to the students and Author of the assigned book. Independent reading will take place as well.	Few chapters were assigned to the students to read from the assigned book. Independent reading will take place as well.	Reiteration of Library Rules Discussion of the Author of the suggested book. Suggested book to be continued Assessment will be done on the basis of the suggested book.	Continuation of Assessment will be done. Independent Reading Browsing of Books	Reiteration of library Rules
<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>

<p>Related Vocabulary to be given of the suggested book</p> <p>Independent Reading.</p>	<p>Related Vocabulary to be given of the suggested book.</p> <p>Independent Reading.</p>	<p>Independent Reading</p> <p>Browsing of Books</p> <p>Guided Reading of the suggested book to be continued</p> <p>Assessment on the Non-fiction/ short story character sketch</p>	<p>Continuation of the Assessment on the Non-fiction/ short story character sketch Story</p> <p>Related Vocabulary to be given of the suggested book</p> <p>Independent Reading</p>	<p>Independent Reading</p> <p>Short stories will Be shared with them</p>
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Assessment Planner	
<p>Following titles for compulsory reading:</p> <p>THE INCIDENT OF THE DOG IN THE NIGHT TIME BY MARK HADDON</p> <p>Criteria for Assessing the Graded Reading Levels</p> <ul style="list-style-type: none"> • Deep reading • Brief discussion about book • Incidents to which they can relate or refer 	
<p><u>Half Yearly Grades (A,B,C,D,E)</u></p> <p><u>First Term Assessment--</u> will be based on the Book given to read that is “The Curious Incident of the dog in the in the night time”.</p> <p>Boys will prepare the book cover on which they will write the summary of the book and will submit after the summer break.</p> <p>Students will prepare a character sketch of their favourite character from the book in the library period.</p>	
<p><u>Annual Exam Grades (A,B,C,D,E)</u></p> <p><u>Final Term Assessment—</u>Boys will do the research on any author of their choice give a write-up on A3 size paper in their own words.</p>	

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**** Subject to change as per CBSE DIRECTIVES**

Academic Year 2023-2024

Curriculum & Assessment Annual Planner **

Subject:- Mathematics Class:- 9

(Student's Copy)

LEARNING OUTCOMES

The students will be able to:

1. Apply logical reasoning in classifying real numbers, proving their properties and using them in different situations.
2. Identify /classify polynomials among algebraic expressions and factorise them by applying appropriate algebraic identities.
3. Relate the algebraic and graphical representations of a linear equation in one/two variables and apply the concepts to daily life situations.
4. Identify similarities and differences among different geometrical shapes.
5. Derive proofs of mathematical statements particularly related to geometrical concepts, like parallel lines, triangles, quadrilaterals, circles etc. by applying an axiomatic approach and solving problems using them.
6. Find areas of all types of triangles by applying appropriate formulae.
7. Construct different geometrical shapes like bisectors of line segments, angles, and triangles under given conditions and provide reasons for the processes of such constructions.
8. Develop strategies to locate points in a Cartesian plane.
9. Identify and classify the daily life situations in which mean, median and mode can be used.
10. Analyse data by representing it in different forms like, tabular form (grouped or ungrouped), bar graph, histogram (with equal and varying width and length), and frequency polygon.
11. Calculate empirical probability through experiments.
12. Derive formulas for surface areas and volumes of different solid objects like, cubes, cuboids, right cylinder, right cone and sphere.

Curriculum Planner

<u>Mar-April</u> Number System Heron's Formula Euclid Geometry	<u>May</u> Lines & Angles	<u>July</u> Coordinate Geometry Linear Equations	<u>Aug.</u> Statistics	<u>Sep</u> Revision Triangles
<u>Oct</u> Triangles contd. Quadrilaterals	<u>Nov</u> Circles	<u>Dec</u> Polynomials	<u>Jan</u> Surface Areas & Volumes	<u>Feb</u> Revision

Assessment Planner

PA-1 (20 Marks)

Number System
Heron's Formula
Euclid Geometry

PA-2 / Half Yearly (80 Marks)

Number System
Heron's Formula
Euclid Geometry
Lines & Angles
Coordinate Geometry
Linear Equations
Statistics

PA-3 (20 Marks)

Triangles
Quadrilaterals

Multiple Assessment (MA) (5 marks)

MA1 Coordinate Geometry

MA2 Circles

Portfolio Assessment (PORT) 5 Marks

PORTFOLIO 1 Lines & Angle

PORTFOLIO 2 Quadrilaterals

Subject Enrichment (SE) 5 Marks

SE1 4 Lab activities

SE2 4 Lab activities

Annual Exam (80 Marks)

Number System
Heron's Formula
Euclid Geometry
Lines & Angles
Coordinate Geometry
Linear Equations
Statistics
Triangles
Quadrilaterals
Circles
Surface Areas & Volumes
Polynomials

****Subject to change as per CBSE directives.**

2023-2024 (GRADE 9 Curriculum & Assessment Annual Planner)**

SUBJECT :- Physical Education

STUDENT'S COPY

LEARNING OUTCOMES

The students will be able to:

1. Apply and refine Locomotors Skills and concepts effort space and relationship to perform and create a variety of activities to improve Personal performance.
2. Adopt and improve activity specific skills a variety of games.
3. Select plan and create game that incorporates simple and more Challenging strategies and tactics.
4. Adopt and improve activity specific skills in a variety of individual pursuits Eg: - Resistance Training Aerobics
5. Communicate thoughts and feelings in an appropriate respectful Manner as they relate to participation in physical education.
6. Discuss issues related to positive athletic / active living role.
7. Demonstrate etiquette and fair play.
8. Describe apply monitor and assess leadership and followership skills Related to physical activity.
9. Develop and apply practice that contributes to team work.
10. Identify and Demonstrate positive behaviour that show respect for self and other.

Curriculum Planner

<u>April</u>	<u>May</u>	<u>July</u>	<u>Aug</u>	<u>Sep</u>
Attention at ease, drill practise, games.	Attention at ease , drill practise, games.	Attention at ease, drill practise, athletics selections and games.	Attention at ease , drill practise, athletics selections and games assessment.	Attention at ease , drill practise, athletics selections and games assessment.
<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>
Marching selection, drill practise and game.	Marching selection, drill practise and game.	Marching practise, drill practise and athletics practise.	Football skill Instep kick basketball layup shot cricket assessment	Football skill Instep kick basketball layup shot cricket assessment.

Assessment Planner	
<u>Half Yearly Grades (A,B,C,D,E)</u>	
<ul style="list-style-type: none"> • Body coordination • Eye coordination • Team work • Endurance • Discipline 	
<u>Annual Exam Grades (A,B,C,D,E)</u>	
<ul style="list-style-type: none"> • BALL CONTROL • EYE ON THE BALL • COME UNDER THE BALL • ORTHODOX CUP • DISCIPLINE 	

**** Subject to change as per CBSE DIRECTIVES**

2023-2024 (GRADE 9 Curriculum & Assessment Annual Planner)**

SUBJECT :- SCIENCE

STUDENT'S COPY

LEARNING OUTCOMES

The student will be able to:-

- Classify materials on the basis of various properties/characteristics.
- Extract, translate, analyse and apply information (knowledge) to identify trends.
- Relate process and phenomena with cause. Apply scientific concepts in day to day life.
- Conduct simple investigations to seek answers to queries that they encounter.
- Prepare and study slides of various cells.
- Make effort to protect environment using resources judiciously.

Curriculum Planner

<u>April</u>	<u>May</u>	<u>July</u>	<u>Aug</u>	<u>Sep</u>
Chemistry: Matter in Our Surroundings Biology: The Fundamental Unit of Life	Biology: The Fundamental Unit of Life cont.. Physics: Motion	Physics: Motion cont.. Revision Biology: Tissues	Biology: Tissues cont.. Chemistry: Is Matter Around Us Pure? Physics: Force and Laws of Motion	Physics: Force and Laws of Motion cont.. Revision
<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>
Physics: Gravitation Chemistry: Structure of Atom	Bio: Improvement in Food Resources Physics: Work and Energy	Physics: Work and Energy cont.. Chem: Atoms and Molecules	Chem: Atoms and Molecules cont.. Physics: Sound	Physics: Sound cont.. Revision

Assessment Planner

PA-1 (20 marks)

Chemistry: Matter in Our Surroundings
Biology: The Fundamental Unit of Life
Physics: Motion (upto acceleration)

HALF YEARLY (PA2) 80 MARKS

Chemistry: 1. Matter in Our Surroundings 2. Is Matter Around Us pure?
Biology : 1.The Fundamental Unit of Life 2.Tissues
Physics: 1. Motion 2. Force and Laws of Motion

PA-3 (20 marks)

Physics: Gravitation (upto mass and weight)
Chemistry: Structure of atom
Biology: Improvement in Food Resources

Multiple Assessment (MA) (5 marks)

MA1	Motion (Graphical representation of motion)
MA2	Gravitation (Pressure, floatation and Archimedes principle)
<u>Portfolio Assessment (PORT) (5 marks)</u>	
<u>PORTFOLIO 1</u> NOTEBOOK EVALUATION	
<u>PORTFOLIO 2</u> Project on any one topic a) Cropping patterns in Sikkim b) Irrigation methods in Sikkim	
<u>Subject Enrichment (SE) (5 marks)</u>	
<u>SE1 Assessment of Practical Skills</u> 1. Preparation of: a) a true solution of common salt, sugar and alum b) a suspension of soil, chalk powder and fine sand in water c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of <ul style="list-style-type: none"> • transparency • filtration criterion • stability 2. Preparation of a) A mixture b) A compound using iron filings and sulphur powder and distinguishing between these on the basis of: <ul style="list-style-type: none"> • appearance, i.e., homogeneity and heterogeneity • behaviour towards a magnet • behaviour towards carbon disulphide as a solvent • effect of heat 3. Perform the following reactions and classify them as physical or chemical changes: a) Iron with copper sulphate solution in water b) Burning of magnesium ribbon in air c) Zinc with dilute sulphuric acid d) Heating of copper sulphate crystals e) Sodium sulphate with barium chloride in the form of their solutions in water 4. Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells & to record observations and draw their labeled diagrams. 5. Identification of Parenchyma, collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams. 6. Determination of melting point and boiling point of water.	
<u>SE2 Assessment of Practical Skills</u> 1. Verification of the Laws of reflection of sound. 2. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder. 3. Establishing the relation between the loss in weight of a solid when fully immersed in a. Tap water	

b. Strongly salty water with the weight of water displaced by it by taking at least two different solids.

4. Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).

5. Verification of the law of conservation of mass in a chemical reaction.

Annual Exam (80 marks)

Chemistry: 1.Matter in Our Surroundings 2. Is Matter Around Us Pure?

3. Structure of atom 4. Atoms and Molecules

Biology: 1. The Fundamental Unit of Life 2. Tissues 3.Improvement in Food Resources

Physics: 1.Motion 2. Force and Laws of Motion 3. Gravitation

4. Work and Energy 5. Sound

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