



COMMON TEACHING SCHEME

STEWART SCHOOLS

SESSION 2021-2022

Syllabus for Class VIII

Note : The Current Academic Year is divided into two Semesters. There will be one Unit Assessment and a Half-Yearly Examination in the First Term and one Unit Assessment and Annual Examination in the Second Term. The Mark distribution for the Unit Assessments and Examinations is as follows: **20%** for the Unit tests and **80%** for the other two Examinations. Dates of the assessment are liable to change depending upon the prevailing situation. Promotion will strictly be granted as per the RTE Rules/Guidelines/Notification

TENTATIVE PROGRAMME OF DIFFERENT ASSESSMENT AND EXAMINATIONS FOR 2021-2022

1st Unit Assessment	:	June - July, 2021
Half-Yearly Examination	:	September, 2021
2nd Unit Test	:	December, 2021
Annual Examination	:	February, 2022

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Cuttack - 753 001, Odisha.



Pledge

*India is my Country and
All Indians are my brothers and sisters.*

*I love my Country and
I am proud of its rich and varied
heritage. I shall always strive to be
worthy of it. I shall give my parents,
teachers and all elders respect,
And treat everyone with Courtesy
To my Country and to my people.*

*I pledge my devotion
In their well-being and prosperity alone
lies my happiness.*

- Jai Hind

Class - VIII

ORDER OF SUBJECTS

Sl.No.	Subjects	Pages	
1.	(A) ENGLISH I (LANGUAGE)		
	(B) ENGLISH II (LITERATURE)		
2.	HISTORY & CIVICS		
3.	GEOGRAPHY		
4.	MATHEMATICS		
5.	PHYSICS		
6.	CHEMISTRY		
7.	BIOLOGY		
8.	COMPUTER APPLICATIONS		
9.	ODIA		
10.	HINDI		

SCHEME OF LESSON FOR THE SESSION – 2021-2022
Syllabus-Class-VIII-English Language

Prescribed Book- Elementary English Grammar & Composition
by N.K. Aggarwal

TERM-I [April-September]

Topics	Written Work
1. Ch -5- Present Tense	Essay-Descriptive, Narrative and Imaginative Letter Writing-Application, Formal, Informal Comprehension Summary Writing to be taught but will not be assessed
2. Ch- 6 -Past Tense	
3. Ch-7 - Future Tense	
4. Ch-10 - Active and Passive Voice	
5. Ch- 11 - Degree of Comparison	
6. Ch- 13- Preposition	
7. Ch-23 - Combination of Sentences	

1st Unit - Ch- 5, 6 & 7 and Essay (Descriptive or Narrative)

Half-Yearly Portion-

Grammar-Ch- 5, 6, 7 ,10,11,13 and 23

Essay, Letter Writing and Comprehension

TERM-II [October to February]

Topics	Written Work
1. Ch- 16 - Phrases and Clauses	Essay writing-Imaginative, Descriptive and Narrative Letter Writing- Informal and Formal, Application Comprehension
2. Ch - 18 - Noun Clause	
3. Ch-19 - Adjective Clause	
4. Ch-20 - Adverb Clause	
5. Ch-22 - Conditional Clause	
6. Ch-24- Sequence of Tense	
7. Ch- 25- Direct and Indirect Speech	
8. Ch-30- Words followed by Prepositions	

2nd Unit Test portion- Ch 16,25 and Letter Writing (Formal/ Informal/application)

Annual Exam Portion:

Grammar-Ch-16, 18,19,20,22,24 and 25

Essay-Descriptive, Imaginative

Letter Writing-Application, Informal, Formal

Comprehension

Term Question paper format

Composition - 20

Letter -10

Comprehension - 20 (Meanings, Q/A & Summary Writing)

Grammar - 30

N.B. * Summary Writing not to be included in 1st Term

**SCHEME OF LESSON FOR THE
SESSION – 2021-2022
Syllabus-Class-VIII-English
Literature**

**Prescribed Book-
Engaging English Book-8
Publisher-Collins**

TERM-I (April to September)

<u>Months</u>	<u>Lessons to be covered</u>
April/September	Ls-4-Rain, Rain Go Away (Prose) Ls-1-Where the Mind Is Without Fear (poem) Ls-6- A Tale of Two Cities(Prose) Ls-5-The Road Not Taken(Poem) Ls-8-Gorillas in the Mist(Prose) Ls-7-Ozymandias (Poem)

1st Unit Test: Ls 1, 4

Half-Yearly exam: Ls- 1, 4, 5, 6, 7 and 8

TERM-II (October to February)

<u>Months</u>	<u>Lessons to be covered</u>
<u>Oct /Feb</u>	Ls-11-The Rime of the Ancient Mariner(Poem) Ls-12-The Six Napoleons(Prose) Ls-14-The Gift of the Magi(Prose) Ls-15-The Last Wolf (Poem) Ls-18-A Lesson on a Tortoise (Prose)

2nd Unit Test-Ls-11 and 12

Annual Exam –Ls-11, 12, 14, 15 and 18

**SCHEME OF LESSONS
SYLLABUS – CLASS VIII
SESSION 2021-2022**

HISTORY & CIVICS

**PORTION FOR FIRST TERMINAL EXAMINATION
(APRIL TO SEPTEMBER)**

HISTORY

1. A PERIOD OF TRANSITION
4. INDIA IN THE EIGHTEENTH CENTURY
5. TRADERS TO RULERS

CIVICS

1. THE UNION LEGISLATURE
2. THE UNION EXECUTIVE

FIRST UNIT TEST PORTION

- CHAPTER – 1 (HISTORY)
CHAPTER – 1 (CIVICS)

**PORTION FOR SECOND TERMINAL EXAMINATION
(OCTOBER TO FEBRUARY)**

HISTORY

6. IMPACT OF BRITISH RULE ON INDIA
7. THE GREAT UPRISING OF 1857
9. STRUGGLE FOR FREEDOM (I)

CIVICS

3. THE JUDICIARY
4. THE UNITED NATIONS

SECOND UNIT TEST PORTION

- CHAP-6(HIST)
CHAP-3(CIV).

TEACHING SCHEME OF LESSONS FOR THE SESSION 2021-22

SYLLABUS – CLASS: VIII SESSION - 2021-22 GEOGRAPHY

BOOKS RECOMMENDED: A textbook of ICSE Geography for class 8

PRESCRIBED BOOK: Goyal Brother Prakashan

COURSES FOR THE FIRST TERM EXAMINATION

[APRIL TO SEPTEMBER]

	TOPICS	WRITTEN WORK	ACTIVITIES/PROJECT
1	REPRESENTATION OF GEOGRAPHICAL FEATURES	Vocabulary Exercise [book] Worksheet [a, b]	1. Draw the conventional signs and symbols.
2	POPULATION DYNAMICS	Vocabulary Exercise [book]	2. Write briefly on the factors affecting population.
3	MIGRATION	Vocabulary Exercise [book] Worksheet [a,b]	3. Write briefly on the positive and Negative impacts of brain drain in India.
6	ASIA: The Largest Continent- Location and Physical Features	Vocabulary Exercise [book] Worksheet [a,b, c]	4. List the Physical division of Asia and explain on any two physical divisions. CHOICE GIVEN TO CHOOSE ANY 2 ACTIVITY FOR 20 MARKS.

PORTION FOR FIRST UNIT TEST: CHAPTER 1 , 2 FM: 20

MAP WORK FOR FIRST TERM EXAM: USE ASIA OUTLINE MAP IN PAGE NO. – 102

QUESTIONS TO BE FRAMED ON: Mount Everest, Godwin Austen [k2], Urals, Zagros and Elbrus, Rivers- Syr Darya, Amu Darya, Hwang-Ho, Ob, Yenisey, Lena, Black sea, Caspian sea, Aral sea, Red sea, Deccan plateau, River Amur, Plateau of Mangolia, Indo-Gangetic plain, Gulf of Aden. [20 Location]

Portion for First Unit Test / Assessment will be included in the portion of Half-yearly or 1st term Examination.

TEACHING SCHEME OF LESSONS FOR THE SESSION 2021-22

COURSES FOR THE SECOND TERM EXAMINATION

[OCTOBER TO FEBRUARY]

	TOPICS	WRITTEN WORK	ACTIVITIES/PROJECT
4	URBANISATION	Vocabulary Exercise [book]	1. Write briefly on any five smartest cities of the world. 2. Write briefly on the Drainage system of India.
8	INDIA: GEOGRAPHICAL FEATURES	Vocabulary Exercise [book] Worksheet [1,2]	3. Write a brief note on conservation of Forests in India. 4. Write table 9.1 [Natural vegetation of India]
9	INDIA: CLIMATE, FLORA AND FAUNA	Vocabulary Exercise [book] Worksheet [1]	CHOICE GIVEN TO CHOOSE ANY 2 ACTIVITY FOR 20 MARKS.

PORTION FOR SECOND UNIT TEST: CHAPTER – 4 FM: 20

MAP WORK FOR SECOND TERM EXAM: USE INDIA OUTLINE MAP IN PAGE NO. – 129

QUESTIONS TO BE FRAMED ON: River Ganga, Palk strait, Himalayas, Cape comorin, Coromandel coast, Malabar coast, River Narmada, Tapi, Mahanadi, Godavari, Lake Chilika, Gulf of Khambat, Gulf of Kutchh, Tropic of Cancer, the Ganga plains, Indian standard Meridian, Satpura mts, Thar desert, River Indus and Damodar. [20]

Portion for 2nd Unit test/Assessment will be included in the portion of Annual or 2nd Terminal Examination.

EXAM PATTERN TO BE FOLLOWED: ICSE FM:50 [20 mark Toposheet, 10 mark Map, 20 mark Question Answer]

SCHEME OF LESSONS FOR THE SESSION – 2020-21

SYLLABUS – CLASS – VIII

SESSION 2020-2021

MATHEMATICS

Book Recommended – Foundation Mathematics.

Publisher- Goyal Brothers Prakashan.

FIRST TERMINAL EXAMINATION

Month of Completion	Topic	Written Work
April to August	Algebra Ch – 14 – Factorisation Ch – 15 – Linear Equation in one variable with problems Ch – 12 – Fundamental Concept and operation on algebraic expression Number System Ch – 1 – Rational Numbers Ch – 2 – Exponents and Powers Ch – 3 – Squares and Square roots, cubes and cube roots Commercial Arithmetic Ch – 7 –Discount & Tax Geometry Ch – 17 – Quadrilaterals	14 (A, B, C, D) 15 (A, B) 12 (A, B, C, D) 1 (A, B, C, D) 2 (A) 3 (A, B, C, D, E) 7 (C) 17 (A, B)

First Unit Test Portions: Ch –14, 15.

Note: - The First Unit Test Portion will be included in the first terminal Examination.

SECOND TERMINAL EXAMINATION

Month of Completion	Topic	Written Work
October to January	<p>Algebra Ch – 16 – Linear Inequation</p> <p>Mensuration Ch – 24 – Volume and surface area of solid</p> <p>Commercial Arithmetic Ch – 10 – Direct and Inverse Variation Ch – 11 – Time and Work</p> <p>Number System Ch – 5 – Sets</p> <p>Statistics Ch – 26 – Graphical representation of statistical data (ONLY Pie Chart)</p>	<p>16 (A, B)</p> <p>24 (A, B)</p> <p>10 (A)</p> <p>11 (A)</p> <p>5 (A, B, C)</p> <p>26 (C)</p>

Second Unit Test Portions: Ch –24, 10

Note: - Second Unit Test Portion will be included in the Second terminal Examination.

**SYLLABUS- CLASS- VIII
SESSION- 2021-22**

**PHYSICS
FIRST TERM**

Theme 1 : Matter

Theme 2 : Physical Quantities and Measurement

Theme 3 : Force and Pressure

Unit 2 - Pressure Exerted by liquids

Unit 3 - Atmospheric Pressure

Theme 5 :Light Energy

Unit 3 - Refraction of light

Unit 4 - Dispersion of Light through a prism.

1st Unit Test Portion

Theme 1 - Matter

Theme 2 - Physical Quantities and Measurement

SECOND TERM

Theme 4 : Energy

Unit 1 - Energy and Work

Unit 2 - Potential and Kinetic Energy

Theme 6 : Heat Transfer

Theme 7 :Sound

Theme 8 : Electricity

Unit 1 - Static Electricity

Unit 3 - Basic Components of electricity

2nd Unit Test Portion

Theme 4

Unit 1 - Energy and Work

Unit 2 - Potential and Kinetic Energy

Theme 6 - Heat Transfer

SCHEME OF LESSONS FOR THE SESSION- 2021-22
SYLLABUS CLASS VIII- CHEMISTRY

BOOK RECOMMENDED: CONCISE CHEMISTRY -MIDDLE SCHOOL
PUBLISHER: SHELINA PUBLISHERS PVT.LTD.

TERM I - APRIL TO SEPTEMBER

<u>CHAPTER NUMBER</u>	<u>TOPIC</u>
1	MATTER
4	ATOMIC STRUCTURE
5	LANGUAGE OF CHEMISTRY

Portion for the 1st Unit Test : CHAPTER 1

Portion for the 1st Term : CHAPTER 1,4 & 5

TERM II - OCTOBER TO FEBRUARY

<u>CHAPTER NUMBER</u>	<u>TOPIC</u>
5	LANGUAGE OF CHEMISTRY
6	CHEMICAL REACTIONS
9	CARBON AND ITS COMPOUNDS

Portion for the 2nd Unit Test : CHAPTER 5 & 6

Portion for the 2nd Term : CHAPTER 5, 6 & 9

SCHEME OF LESSONS FOR THE SESSION 2021. –22

SYLLABUS FOR STD -8. - BIOLOGY

BOOKS RECOMMENDED—CONCISE BIOLOGY

PUBLISHER —SELINA

FIRST TERM —APRIL -SEPTEMBER

CHAPTER NUMBER.	TOPIC
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CHAPTER - 1	TRANSPORT IN PLANTS
CHAPTER -2.	REPRODUCTION IN PLANTS (Excluding vegetative propagation & Asexual reproduction)
CHAPTER-3.	REPRODUCTION IN ANIMALS (Excluding—Asexual reproduction,Fertilization,Implantation,Birth,Growth)
CHAPTER -4.	ECOSYSTEMS

EXAMINATIONS

Portions for 1st Unit Test :Chapt 1—Transport in Plants

Portions for 1st Terminal Examination ::Chapt .—1, 2, 3,&4

SECOND TERM. (OCTOBER— FEBRUARY)

CHAPTER NUMBER.	TOPIC
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CHAPTER -6.	CIRCULATORY SYSTEM (Excluding—Tissue Fluid and Lymph,Heart conditions)
CHAPTER -5.	ENDOCRINE SYSTEM AND ADOLESCENCE
CHAPTER-7.	NERVOUS SYSTEM (Excluding—PNS and ANS)

PORTIONS FOR 2 nd. UNIT TEST::Chapt 6—Circulatory System

Portions for 2nd.Terminal Examination::Chapt 5, 6 & 7

Syllabus of Computer Application 2021-2022

Class-8

Chapter No	Month	Chapter Name
1st Term		
1.	March	Operating System and Graphical User Interface – Role And Function
2.	April	Spreadsheet – Formulas And Functions (Excluding – Circular reference)
3.	June	Charts in Excel
8.	July	Networks (Excluding – Protocols)
9.	August	Cloud Computing
1 st Unit Test Portion - Chapter 1, 2 and 3 Half Yearly Portion – Chapter 1, 2, 3, 8 and 9		
2nd Term		
7.	October	App Development
5.	November to January	Introduction to Java and BlueJ (including Mathematical Function pow(),sqrt(),cbrt(),exp(),max(),min(),PI, floor(),ceil(),abs(),round(),rint() and random() of Math functions)
2 nd Unit Test Portion – Chapter 7 Annual Portion – Chapter 5 and 7		

N.B.: Distribution of Marks with respect to pattern of question for Half-yearly and Annual Examination is modifiable as per availability of questionnaire in the exercise or questionbank.

1st Term:

Fill in the blanks: 1x10=10 State

true or false: 0.5x10=5 Multiple

choice questions: 1x10=10

Application Based Question: 1x 5=5

Answer in one word :1x10=10

Distinguish Between : 2x5=10

Answer the following: 2x15=30

2nd Term:

Fill in the blanks: 1x10=10

State true or false: 0.5x10=5

Multiple choice questions: 1x10=10

Do as directed : 5x2=10

Answer the following: 2x10=20

Programming : 5x5=25

SCHEME OF LESSONS FOR THE SESSION – 2021 - 2022

SYLLABUS - CLASS - VIII

SESSION - 2021 - 2022

ODIA

Prescribed Book - ସାହିତ୍ୟ ସୋପାନ (ଅଷ୍ଟମ ଶ୍ରେଣୀ)

WORK PROPOSED FOR THE FIRST UNIT TEST

Lesson 1 - ପୃଥ୍ବୀ ପ୍ରତି

Lesson 2 - ବନ୍ଦୀ ବିହଙ୍ଗ ଏବଂ ନିର୍ବାକ୍ ବାଉଁ

ବ୍ୟାକରଣ : ଆଠ ପ୍ରକାରର ବ୍ୟାକରଣ (1X8=8)

WORK PROPOSED FOR THE FIRST TERM

Lesson 1 - ପୃଥ୍ବୀ ପ୍ରତି

Lesson 2 - ବନ୍ଦୀ ବିହଙ୍ଗ ଏବଂ ନିର୍ବାକ୍ ବାଉଁ

Lesson 3 - କନ୍ୟାଦାନ

Lesson 4 - ସୁଭାଷ ଓ ଗୁଣିଆ

Lesson 6 - ମୁକ୍ତି ଯୋଦ୍ଧା ଜୟୀ ରାଜଗୁରୁ

Lesson 5 - ଗର୍ଭଭର ସୂକ୍ଷ୍ମ ବୁଦ୍ଧି

ବ୍ୟାକରଣ :

1. ପ୍ରତିଶବ୍ଦ
2. ବିପରୀତାର୍ଥବୋଧ ଶବ୍ଦ
3. ସମୋଚ୍ଚାରିତ ଶବ୍ଦ ବା ଅର୍ଥଗତ ପାର୍ଥକ୍ୟ
4. ଏକ ଶବ୍ଦକୁ ଭିନ୍ନ ଅର୍ଥରେ ପ୍ରୟୋଗ କରି ବାକ୍ୟ ଗଠନ କର ।
5. ଏକ ପଦ୍ୟାକରଣ
6. ଭ୍ରମ ସଂଶୋଧନ
7. ପ୍ରବାଦ ର ଅର୍ଥ ବା ଅର୍ଥ ପ୍ରକାଶ କର ।
8. ଅସଜଡ଼ା ବାକ୍ୟ ସଜାଡ଼ି ଲେଖ ।

Composition (ରଚନା)

Letter (ପତ୍ର ଲିଖନ) – ସରକାରୀ, ବେସରକାରୀ ଓ ବ୍ୟକ୍ତିଗତ

Comprehension (ବୋଧଜ୍ଞାନ)

1st Unit Test Portion will be included in the 1st Term Examination Portion

SCHEME OF LESSONS FOR THE SESSION – 2021 - 2022

WORK PROPOSED FOR THE SECOND UNIT TEST

Lesson 8 - ତିନୋଟି ଭାବନା

Lesson 10 - ଆମ ଲାଖି ଲୁଗା ଏଇ

ବ୍ୟାକରଣ : ଆଠ ପ୍ରକାରର ବ୍ୟାକରଣ (1X8=8)

1. ପ୍ରବାଦ ର ଅର୍ଥ ବା ଅର୍ଥ ପ୍ରକାଶ କର ।
2. ଏକ ପଦରେ ପ୍ରକାଶ କର ।
3. ଏକ ଶବ୍ଦକୁ ଭିନ୍ନ ଅର୍ଥରେ ପ୍ରୟୋଗ କରି ବାକ୍ୟ ଗଠନ କର ।
4. ଅସଜଡ଼ା ବାକ୍ୟକୁ ସଜାଡ଼ି ଲେଖ ।
5. ବିବରୀତ
6. ପ୍ରତିଶବ୍ଦ
7. ସମୋଚ୍ଚାରିତ ଶବ୍ଦ
8. ଭ୍ରମ ସଂଶୋଧନ

WORK PROPOSED FOR THE SECOND TERM

Lesson 8 - ତିନୋଟି ଭାବନା

Lesson 13 - ଦରିଆ ଦଖଲ

Lesson 9 - ଆକାଶରେ ମାଟି ରାସ୍ତା

Lesson 14 - ଜାତୀୟ ପତାକା

Lesson 10 - ଆମ ଲାଖି ଲୁଗା ଏଇ

Essay (ରଚନା)

Letter (ପତ୍ର ଲିଖନ) ସରକାରୀ, ବେସରକାରୀ ଓ ବ୍ୟକ୍ତିଗତ

Comprehension (ବୋଧଜ୍ଞାନ ପରୀକ୍ଷା)

Grammar (ବ୍ୟାକରଣ) (All)

2nd Unit Test Portion will be included in the 2nd Term Examination Portion

SYLLABUS - CLASS 8

SESSION – 2021 -22

HINDI

COURSE FOR FIRST UNIT ASSESSMENT (20 MARKS)

गद्य / पद्य : L-1 हँस रही उषा(कविता)

L-2 मंत्र (कहानी)

व्याकरण: शब्दार्थ, विपरीतार्थक शब्द, भाववाचक संज्ञा, लिंग परिवर्तन, मुहावरे, सूचना अनुसार वाक्य परिवर्तन ।

COURSE FOR FIRST TERMINAL EXAMINATION (80 MARKS)

SECTION-A : LANGUAGE (व्याकरण) [40 MARKS]

व्यावहारिक व्याकरण : निबंध लेखन, औपचारिक , अनौपचारिक पत्र, अपठित गद्यांश, शब्दार्थ, विपरीतार्थक शब्द ,

भाववाचक संज्ञा, विशेषण, लिंग, वचन, मुहावरे, पर्यायवाची, सूचना अनुसार वाक्य परिवर्तन ।

SECTION-B : LITERATURE (गद्य /पद्य) [40 MARKS]

गद्य / पद्य : L-1 हँस रही उषा, (कविता)

L-2 मंत्र (कहानी),

L-3 अंतर्राष्ट्रीय योग दिवस, (आलेख)

L-5 हिम्मत करने वालों की हार नहीं होती(कविता) ,

L-9.संतोष की सरिता।(कहानी)

NOTE: THE SYLLABUS COMPLETED DURING FIRST UNIT ASSESSMENT WILL BE INCLUDED IN FIRST TERMINAL EXAMINATION.

COURSE FOR SECOND UNIT ASSESSMENT (20 MARKS)

गद्य / पद्य : L-10 जलाते चलो,(कविता)

L-11 गुरुदेव रवीन्द्रनाथ ठाकुर (जीवनी)

व्याकरण: शब्दार्थ, विपरीतार्थक शब्द, वर्तनी शुद्ध, पर्यायवाची शब्द, विशेषण, अनेक शब्दों के लिए एक शब्द, सूचना अनुसार वाक्य परिवर्तन ।

COURSE FOR ANNUAL EXAMINATION (80 MARKS)

SECTION-A : LANGUAGE (व्याकरण) [40 MARKS]

व्यावहारिक व्याकरण : निबंध लेखन, औपचारिक , अनौपचारिक पत्र, अपठित गद्यांश, शब्दार्थ, विपरीतार्थक शब्द ,

भाववाचक संज्ञा, विशेषण, लिंग, वचन, मुहावरे, पर्यायवाची, वर्तनी शुद्ध, अनेक शब्दों के लिए एक शब्द, सूचना अनुसार वाक्य परिवर्तन ।

SECTION-B : LITERATURE (गद्य / पद्य) [40 MARKS]

गद्य / पद्य : L-10 जलाते चलो (कविता) ,

L-11 गुरुदेव रवीन्द्रनाथ ठाकुर (जीवनी) ,

L-13 वर्षा जल संचयन (ज्ञानपरक लेख) ,

L-15 गिरिधर की कुंडलियाँ (कविता) ,

L-18 भक्ति-पदावली (पद)

NOTE: THE SYLLABUS COMPLETED DURING SECOND UNIT ASSESSMENT WILL BE INCLUDED IN THE ANNUAL EXAMINATION.