

# SYLLABUS CLASS 8th

SESSION 2022-2023

## SCIENCE GRADE

**NAME OF BOOK: STARTUP SCIENCE-8**

**PUBLISHED BY: VIVA**

**PA1 SYLLABUS** :- Chapter 1 Crop production

Chapter 4 Metals and nonmetals

Chapter 9 Force and pressure

Chapter 10 Friction

**PA 2 SYLLABUS**:- Chapter 2 Microorganisms

Chapter 3 Synthetic fibres and plastics. (Activity)

Chapter 6 Conservation of Biodiversity

Chapter 7 The Cell

Chapter 13 Some natural phenomena.

Important diagrams. Cell structure of a) animal cell b) plant cell  
C) budding in Hydra,

**Project** :-Collect pictures showing various applications of pressure in daily life. Make a collage of these pictures on a chart paper.

Write 2 sentences for each picture.

All the chapters of PA1 and PA 2 are included in Term-I

**PA 3 SYLLABUS**:- Chapter 11 sound

Chapter 12 chemical effects of current

Chapter 16 Coal and petroleum (project work)

Chapter 14 light

Important diagrams electrolysis.

**PA 4 SYLLABUS**:- Chapter 15 The night sky.

Chapter 8 Reproduction and adolescence

Chapter 5 Combustion and flame

Chapter 17 Pollution of air and water.

Important diagrams: reflection of light, parts of the eye, ursa major, Orion. Cassiopeia, different zones of candle flame

**Project**: find out the location of major thermal power plants in India.

What would be the reasons for their being located at those places?

All the chapters of PA3 and PA 4 are included in Term-II

## SOCIAL - SCIENCE GRADE - VIII

**NAME OF BOOK: OUR PART III (HISTORY)  
THE EARTH : OUR HABITAT (GEOGRAPHY)  
SOCIAL AND POLITICAL LIFE II (CIVICS)  
PUBLISHED BY: N.C.E.R.T**

### PA1 SYLLABUS

His:- CH 1 How,when and where  
CH 2 from trade to territory  
CH - 3- Ruling the Countryside

Geo:- CH 1 Resources

Civics:- CH 1 The Indian Constitution  
CH 2 Understanding law

### PA2 SYLLABUS

His- CH 4 Tribal,Dikus and the vision of a golden Age  
CH 5 When people Rebel 1875 and After

Geo:- CH 2 Land, Soil, Water, Natural Vegetation and wildlife Resources

Civics:- CH-3- Why do we need a parliament?  
CH-4- Understanding laws

All the chapters of PA1 and PA 2 are included in **Term-I**

### Activity Chapter's

His:- CH-6 Colonialism and the city the story of an Imperial  
Capital (flow chart)

Geo:- CH-3 Mineral and power Resources-(Map work-on the physical  
map of the world mark the Distribution of minerals oil in  
Europe, Distribution of Coal in North America, Regions of  
copper in Africa, Minerals oil in south America.

His:- CH- Weavers,Iron smelters and factory owners (Quiz)

**Diagram** - Draw a diagram of parliament house.

**Map Work** Mark six soil types on the outline of the political map of India.

**Project Work:-** On the political outline map of India show the different crops,  
crops season (A4 Sheet)

**Oral Test**

1. Social Science Sentivity Q	A	5m
2. Project		- 10m
3. Critical Thinking		- 5m
<b>Total</b>		<b>- 20m</b>

### Term - II

### PA3 SYLLABUS

His : CH 8 Civilizing the Native education the Nation  
CH - 9 Women, Caste and Reform.

Geo: CH 4 Agriculture  
CH - 5- Industries

**Civics:** CH- 5 Judiciary  
Ch-7 Understanding Marginalisation

### **PA 4 SYLLABUS**

His - CH 11 The making of the National movement  
CH 12 India after Independence

Geo:- CH - 6 - Human Resources

Civics:- CH - 9 Public facilities  
CH-10- Law and social Justice

All the chapters of PA3 and PA 4 are included in **Term-II**

### **Activity Chapter's**

Civics:- CH 6 Understanding our criminal justice system [group discussion]  
CH 7 Confronting Marginalisation [Quiz].

His:- CH -10 The changing world of visual Arts. [flow chart]

**Diagram -** Make a flow chart on Judiciary.

**Map Work** On the political outline map of world.

**Mark the following:-** leading producers of jute ,coffe,rice,maize.

**Project Work** Make a project on Gandhian movement.

**Oral Test** 1. Social Science Sensitivity Q A 5m

2. Project - 10m

3. Critical Thinking - 5m

**Total - 20m**

## **MATHS GRADE**

**Reference Book-** NCERT Mathematics textbook

**PA1 SYLLABUS:-** Chapter 1 Rational Numbers

Chapter 2 Linear Equations in One Variable

Chapter 3 Understanding Quadrilaterals

Chapter 4 Practical Geometry

**PA2 SYLLABUS:-** Chapter 5 Data Handling

Chapter 6 Squares and Square Roots

Chapter 7 Cubes and Cube Roots

Chapter 10 Visualising Solid Shapes

Term 1 Includes all syllabus from PA 1 and PA 2

**Project-** Make a chart on Quadrilateral and its Types.

**PA 3 SYLLABUS :-** Chapter 8 Comparing solid Shapes

Chapter 9 Algebraic Expressions and Identities

Chapter 11 Mensuration

Chapter 12 Exponents and Powers

**PA 4 SYLLABUS:-** Chapter 13 Direct and Indirect proportions

Chapter 14 Factorisation

Chapter 15 Introduction to Graphs

Chapter 16 Playing with Numbers

Term 2 Includes all syllabus from PA 3 and PA 4

**Project- Make a Model on Geometrical Shapes.**

## **English Grade**

Book name:-Text Book :-Sunbeams ( Reader)

Grammar :- Grammar Cloud

April: Lesson 1 This is Jody's fawn, Poem

2 The ant and the cricket The Sentence, The present,  
past and future tense

Composition:- Paragraph , Notice, Letter

Grammar:-May: Lesson 3 Abraham Lincoln, Poem

4 Coromandel fishers Grammar:-Nouns: kinds, Pronoun, Adjectives

Composition:-Paragraph, Notice, Letter Revision and Unit I Exams.

July: Lesson 5 The crowded home , Poem 6 Macavity – The mystery cat,

Lesson 7 A visit to cambridge Grammar:-Verbs, Auxiliaries and

Modals, Adverbs Composition :-Letter, Diary Writing

August:- Poem 8 The last bargain , Lesson 9 Letters

Grammar:-Phrases and clauses, Articles and their uses, Prepositions

Composition:-Paragraph, Notice, Letter

September:- Revision and Terms I Exams

October:- Poem 10 How beautiful is the rain, Lesson 11 The best Christmas

present in the world Grammar:-Conjunctions, Active and Passive  
Voice, Direct and Indirect Speech

Composition:-Paragraph, Letter, Notice

November:- Poem 12 My only cry: ‘ Close the arms factories, Lesson 13 The

day of the bare feet, Poem 14 Nine gold medals

Grammar:-Transformation of Sentences, Punctuation

Revision and Unit II Exam

December:- Lesson 15 Rani Lakshmi Bai, Poem 16 If couldn't be done

Grammar:-Figures of Speech, Vocabulary Composition:-

Paragraph, Letter, Notice

January:-Lesson 17 The naive friends-1, Lesson 18 The naive friends -II

February-Revision and Final Exam.

# COMPUTER GRADE

**NAME OF BOOK: LIVING WITH COMPUTERS**

**PUBLISHED BY: SRIJAN**

**PA1 SYLLABUS:-** Chapter 1- Networking

Chapter 2- More on Photoshop

Project Work Open the Photoshop. Use every Tools &  
Prepare a good Pic.

**PA2 SYLLABUS:-** Chapter 3- More about HTML-Links

Chapter 4- Programming with Python

All the chapters of PA1 and PA 2 are included in Term-I

**PA3 SYLLABUS:-** Chapter 5- Introduction to

Database- MS Access 2013

Chapter 6-More on MS Access 2013

Project works make a Report and Form in MS-Access.

**PA 4 SYLLABUS:-** Chapter 7- Developing Apps

Chapter 8-Smart Internet..

All the chapters of PA3 and PA4 are included in Term-II

## ART AND CRAFT

### TERM I

**P.A -I:-** Dot Painting, Pencil Shading, Landscape using Poster colour,  
Tree with landscape using Poster colour, Child labour,  
Poster making of Say no to tobacco, Save girl child,  
Mothers day, Poster making

**P.A -II:-** Make Birthday greeting card, Village scene using sketch, paper quilling art ,Best out of a waste  
Make a Card on Raksha Bandhan, Republic day, Ball hanging activity, Photo frame, Tattoo making. Card on Teachers day using sketch, Mask or book mark using sketch, Lakeview with mountains(using water colour)

### **TERM-II**

**P.A -III:-** Card on freedom fighter, Portrait making, Activity-Rangoli making, Chart on sports day Card on children day, Spray painting landscape,Thumb painting Nature based composition, natural object (like flower stone tree fruit. Vegetable)

**P.A -IV:-** Make a card on lohri,  
Activity- Republic day, Holi Scene,  
Human anatomy (eyes ,nose ,lips ,ears, hands Feet

## **ਸਿਲੇਬਸ: ਪੰਜਾਬੀ**

**ਅਪ੍ਰੈਲ:-** ਵਿਸਮਿਕ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਕਿਸਮਾਂ ਵਿਸਥਾਰ ਪੂਰਵਕ, ਗਿਣਤੀ 1 ਤੋਂ 100 ਤੱਕ  
ਇਸ਼ਤਿਹਾਰ, ਪੱਤਰ, ਪਾਠ 1, 2

**ਮਈ:-** ਲਿੰਗ ਬਦਲੋ ਵਾਕਾਂ ਵਿੱਚ, ਵਚਨ ਬਦਲੋ ਵਾਕਾਂ ਵਿੱਚ, ਤਸਵੀਰ ਵਰਣਨ, ਅਗੇਤਰ,  
ਪਿਛੇਤਰ, ਲੇਖ ਪਾਠ 3, 4

### **Unit 1 Exam**

**ਜੁਲਾਈ:-** ਵਿਰੋਧੀ ਸ਼ਬਦ, ਅਸੁੱਧ-ਸੁੱਧ ਵਾਕਾਂ ਵਿੱਚ, ਬਹੁ ਆਰਥਕ ਸ਼ਬਦ, ਲੇਖ, ਪਾਠ 5, 6

**ਅਗਸਤ:-** ਵਿਸਰਾਮ ਚਿੰਨ, ਮੁਹਾਵਰੇ, ਅਖਾਣ, ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ,  
ਇਸ਼ਤਿਹਾਰ, ਤਸਵੀਰ ਵਰਣਨ, ਪੱਤਰ, ਪਾਠ 7, 8, 9

**ਸਤੰਬਰ:-** ਦੁਹਰਾਈ Term 1 Exam

**ਅਕਤੂਬਰ:-** ਕਾਰਕ ਪਰਿਭਾਸ਼ਾ ਤੇ ਕਿਸਮਾਂ ਵਿਸਥਾਰ ਪੂਰਵਕ, ਲੇਖ, ਇਸ਼ਤਿਹਾਰ,  
ਪਾਠ 10, 11

**ਨਵੰਬਰ:-** ਲਿੰਗ ਬਦਲੋ ਵਾਕਾਂ ਵਿੱਚ, ਵਚਨ ਬਦਲੋ ਵਾਕਾਂ ਵਿੱਚ, ਬਹੁ ਆਰਥਕ ਸ਼ਬਦ,  
ਅਗੇਤਰ-ਪਿਛੇਤਰ, ਪੱਤਰ, ਤਸਵੀਰ ਵਰਣਨ, ਪਾਠ 12, 13

### **Unit II Exam**

**ਦਸੰਬਰ:-** ਅਖਾਣ, ਵਿਰੋਧੀ ਸ਼ਬਦ, ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ, ਲੇਖ, ਪਾਠ 14, 15

**ਜਨਵਰੀ:-** ਅਸੁੱਧ-ਸੁੱਧ ਵਾਕਾਂ ਵਿੱਚ, ਇਸ਼ਤਿਹਾਰ, ਪੱਤਰ, ਤਸਵੀਰ, ਵਰਣਨ, ਮੁਹਾਵਰੇ,  
ਪਾਠ 16, 17, 18

**ਫਰਵਰੀ:-** ਦੁਹਰਾਈ Term II Exams

## Hindi Syllabus

कक्षा- आठवीं पाठयक्रम

हिंदी पाठ्य पुस्तक:- वसंत भाग-3

प्रकाशित:- एन.सी.आर.टी

व्याकरण पुस्तक:- व्याकरण वृक्ष

अप्रैल:- (वसंत पुस्तक) पाठ-1 ध्वनि, पाठ-2 लाख की चूड़िया,  
पाठ-3 बस की यात्रा

व्याकरण वृक्ष पुस्तक:- पाठ 1 (भाषा, बोली, लिपि, साहित्य एवं व्याकरण)  
पाठ 2 वर्ण विचार, लिंग, वचन, विलोम, शब्द पत्र।

मई:- पाठ 4 दीवानों की हस्ती, पाठ 5 चिट्ठियों की अनूठी दुनिया,  
पाठ 6 भगवान के डाकिए

व्याकरण:- पाठ 5 शब्द विचार, पाठ-15 संज्ञा,  
पर्यायवाची शब्द, विज्ञापन

जुलाई:- निबंध (unit-1 Exam)

अगस्त:- पाठ 7 क्या निराश हुआ जाए, पाठ 8 यह सबसे कठिन समय नहीं ,  
पाठ 9 कबीर की साखियां।

व्याकरण:- पाठ 19 सर्वनाम, पाठ 20 विशेषण, पाठ 21 क्रिया,  
मुहावरे अनेक शब्दों के लिए एक शब्द। पत्र, निबंध, विज्ञापन।

सितम्बर:- ठंडरम १ एणउम

अक्तूबर:- पाठ 10 कामचोर, पाठ 11 जब सिनेमा ने बोलना सीखा,  
पाठ 12 सुदामा चरिता

भिन्नार्थक शब्द, उपसर्ग।

नवम्बर:- पाठ 13 जहां पहिया है, विलोम शब्द, निबंध।

Unit II Exam

दिसंबर:- पाठ 14 अकबरी लोटा, पाठ 15 सूरदास के पद,  
पाठ 16 पानी की कहानी

व्याकरण:- पाठ 14 समास, प्रत्यय, मुहावरे, अनेक शब्दों के  
लिए एक शब्द, सार लेखन।

जनवरी :- पाठ 17 बाज और सांप, पाठ 18 टोपी

व्याकरण: विराम चिन्ह, भिन्नार्थक शब्द, संवाद लेखन, निबंध,  
विलोम शब्द।

फरवरी:- **Revision & Term II Exam**