

CLASS 7TH SYLLABUS

SESSION 2022-2023

SCIENCE GRADE

NAME OF BOOK: STARTUP SCIENCE-7

PUBLISHED BY: VIVA

TERM I

PA1 SYLLABUS :- Chapter 1 Nutrition in plants.

Chapter 2 Nutrition in animals

Chapter 3 Materials of daily use (Activity)

Chapter 4 heat.

Important diagrams, photosynthesis, digestive system stomach of ruminant, three modes of heat transfer.

PA 2 SYLLABUS:- Chapter 5 different kinds of materials.

Chapter 9 Respiration in organisms.

Chapter 12 Motion and time.

Chapter 13, Electric current and its effects.

Chapter 14 light.

Important diagrams Respiratory system soil profile

Important diagrams, respiratory system soil profile.

Project. On an outline map of the world, mark the polar desert and tropical rainforest regions.

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

TERM II

PA 3 SYLLABUS:- Chapter 6. How things react with one another activity?

Chapter 7. Weather climate adaptation of animals project work

Chapter 10 Transportation of materials

Chapter 11 Reproduction in plants. Project work.

Important diagrams human heart human excretory system.

PA 4 SYLLABUS:- Chapter 8 Soil.

Chapter 15 winds, storms and cyclones (Activity)

Chapter 16 Scarcity of water.

Chapter 17 forests.

Chapter 18 wastewater story.

Important diagrams, Ray diagrams of reflection through plane mirror, convex lens, converging rays of light concave lens, diverging rays of light.

Project find out the names of any 3 states of India where water is scarce. Make a report on the causes for scarcity of water in these states and your suggestions to conserve water.

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

SOCIAL - SCIENCE

NAME OF BOOK: OUR PART II (HISTORY)

THE EARTH : OUR HABITAT (GEOGRAPHY)

SOCIAL AND POLITICAL LIFE II (CIVICS)

PUBLISHED BY: N.C.E.R.T

PA1 SYLLABUS:-

His:- CH 1 Tracing changer through a thousand years.

CH 2 New kings and kingdoms

Geo:- CH 1 Our Environment

CH 2 Inside Our Earth

Civics:- CH 1 On equality

CH 2 Role of the Government in Health.

PA2 SYLLABUS

His- CH 3 The Delhi Sultans

CH 4 The Mughal empire

Geo:- CH 3 - Our changing earth

CH - 4 -Air

CH- 5 - Water

Civics:- CH-3 How the state government works

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

Activity Chapter's

Civics:- CH 4 Growing up as boys and girls (Group discussion)

His:- CH-7 Tribes, Nomads and settled communicating (flow chart)

Geo:- CH:6:- Natural Vegetation and wild mark
Map Work:- on a political outline map of world mark and label
the following countries (i)

Diagram - Draw a diagram of volcan.

Map Work On a political map of India .mark the location of the tribes-Ahoms,
Bhils,Gons ,Kolils,Munda

Project Work Make a model on volcano.

Oral Test

1. Social Science Sensitivity Q A	5m
2. Project	- 10m
3. Critical Thinking	- 5m
Total	- 20m

Term - II

PA3 SYLLABUS

His : CH 6 Town,Traden and craftpersons

Geo: CH 7 Human environment settlement,Transport & Communcation
CH- 8 - Human Environment Interactions

Civics: CH- 5 Women change the world
Ch-6 Understanding Media

PA 4 SYLLABUS

His - CH 8 Devotional paths to the Divine
CH 10 Eighteenth Century political formation

Geo:- CH- 9 - Life in the temperate grasslands
CH- 10 Life in the Deserts

Civics:- CH-8- Market Around us
CH-10- Struggle for equality

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

Activity Chapter's

Civics:- CH 7 Understanding Advertising [Quiz].
CH 9 A shirt in the market [flow chart]

His:- CH -9 The making of Regional Cultures[Map work on the political
map of india mark the-Capital regions of Rajasthan, Uttar Pradesh,
Kerala, Bengal, Orissa.]

Diagram - Draw a diagram of Water Cycle.

Map Work 1) on a political outline map of Africa mark the Algeria, Chad, Egypt, Libya, Mali, Niger, Sudan etc.

Project Work Collect the pictures of different type of markets and paste it (A4 sheet)

Oral Test 1. Social Science Sensitivity Q A 5m

2. Project - 10m

3. Critical Thinking - 5m

Total - 20m

MATHS SYLLABUS

Reference Book- NCERT Mathematics textbook

Thinker Active Mathematics Workbook (HOLY FAITH INTERNATIONAL PUBLISHERS)

PA1 SYLLABUS:- Chapter 1 Integers

Chapter 2 Fractions and decimals

Chapter 3- Data handling

Chapter 4 Simple equations

PA2 SYLLABUS:- Chapter 5- Lines and angles

Chapter 6-The triangle and its properties

Chapter 7-Congruence of triangles

Term-I includes all syllabus from PA1 and PA2.

Project- Make a chart on different types of triangles and its congruency Criteria.

TERM 2

PA3 SYLLABUS:- Chapter 8 Comparing Quantities

Chapter 9- Rational Numbers

Chapter 10- Practical Geometry

Chapter 11- Perimeter and Area

PA4 SYLLABUS :- Chapter 12- Algebraic Expressions

Chapter 13- Exponents and Powers

Chapter 14- Symmetry

Chapter 15- Visualising Solid Shapes

Term 2 Includes all syllabus from PA-3 and PA-4

Project- Draw a Model on types on Triangles.

English Syllabus

Book name:-

Text Book :- Sunbeams (Reader)

Grammar :- Grammar Cloud 7

April: Lesson 1 The Three Races , Poem 2 Meadow surprises

Grammar:- The Sentence, Phrases And Clauses, Nouns : number and gender

Composition:- Paragraph , Notice

May: Lesson 3 What is your water footprint, Poem 4 The Squirrel

Grammar:- Nouns: kinds, Pronoun, Adjectives: Kinds

Composition:- Paragraph, Notice

Revision and Unit I Exams

July: Lesson 5 The story of an invitation , Poem 6 The Shed ,

Lesson 7 The Gift of Chappals

Grammar:- Simple Present Tense, Simple Past Tense , Simple Future Tense

Composition :- Vocabulary, Letter, Diary Writing

August:- Poem 8 Palanquin Bearers , Lesson 9 The song of Jin - Wai

Grammar:- Present Continuous Tense, Past Continuous Tense,

Future Continuous Tense

Composition:- Letter , Diary Writing

September :- Revision and Terms I Exams

October:- Poem 10 Hope Is The Thing With Feathers,

Lesson11 The Desirable Shawl

Grammar:- Comparison of Adjective , Verbs, Adverbs

Composition:- Conversation and dialog Writing, Advertisement, Letter

November:- Poem 12 Human Family , Lesson 13

Through Grandpa's Eyes , Lesson 14 Friends And Flatterers

Grammar:- The Interjection, Subject-Verb Agreement,

Composition:- Article writing , Letter

Revision and Unit II Exam.

December:- Lesson 15 The Blind Boxer , Poem 16 Life's Mirror

Grammar:- Present perfect tense, Past Perfect tense

Future Perfect Tense

Composition:- Debate and Speech Writing, Advertisement

January:- Lesson 17 Prithviraj Chauhan I , Lesson 18 Prithviraj Chauhan II

Grammar:- Active and Passive voice, Direct and Indirect Speech

Composition:- Letter, Article writing

February- Revision and Final Exam.

COMPUTER GRADE

NAME OF BOOK: LIVING WITH COMPUTERS

PUBLISHED BY: SRIJAN

TERM I

PA1 SYLLABUS:- Chapter 1- Number System

Chapter 2- Formulas and Functions with Excel 2013

Project Work Open the MS Excel Prepare a Student Detail.

PA2 SYLLABUS:- Chapter 3- Creating and Functions with Excel 2013

Chapter 4- Excel as Database

Chapter 5- Introduction to Photoshop

Project Work Open the Photoshop Prepare a Collage.

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

TERM 2

PA3 SYLLABUS:- Chapter 6- Introduction to HTML

Chapter 7- More About HTML

Chapter 8- List and Tables in HTML

Project Work:- Open the Notepad Prepare a first page in Website with Picture.

PA 4 SYLLABUS:- Chapter 9- More on Python

Chapter 10-Multimedia and E-commerce

Project Work Prepare a Invitation Card, Banner, Poster in Publisher

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.

*** HINDI ***

हिंदी पाठय पुस्तक- वसंत भाग -2

प्रकाशित - एन सीई आर टी

व्याकरण पुस्तक- व्याकरण वृक्ष

अप्रैल:- पाठ 1 हम पंछी उन्मुक्त गगन के, पाठ 2 दादी मां, पाठ 3 हिमालय की बेटियां
व्याकरण - (भाषा, बोली , लिपि, व्याकरण एवं साहित्य), (वर्णमाला उच्चारण
और वर्तनी), लिंग, वचन विलोम शब्द (1-30), पत्र, विज्ञापन।

मई:- पाठ-4 कठपुतली, पाठ 5 मिठाईवाला।

व्याकरण भाग-संज्ञा, सर्वनाम, मुहावरे (1-20), निबंध, पर्यायवाची शब्द (1-25)

जुलाई:- पाठ-6 रक्त और हमारा शरीर **Unit 1 Exam**

अगस्त:- पाठ-7 पापा खो गए, पाठ-8 शाम एक किसान, पाठ-9 चिड़िया की बच्ची
व्याकरण - भाग विशेषण, अनुच्छेद, विज्ञापन, निबंध, उपसर्ग।

सितम्बर:- पाठ-10 अपूर्व अनुभव, अनेक शब्दों के लिए एक शब्द (1-30) पत्र।

Term 1 Exam

अक्तूबर:- पाठ-11 रहीम के दोहे, पाठ-12 कंचा, पाठ-13 एक तिनका,

पाठ-14, खान पान की बदलती तस्वीर (व्याकरण भाग) विज्ञापन, पत्र,

शब्द विचार, क्रिया, काल, प्रत्यय,, अनेक शब्दों के लिए एक शब्द (31-60),

मुहावरे (21-40)

नवम्बर:- पाठ-15 नीलकंठ

व्याकरण भाग:- विराम चिन्हों का प्रयोग, पर्यायवाची शब्द (25-50), निबंध

Unit II Exam

ਦਿਸੰਬਰ:- ਪਾਠ-16 ਭੋਰ ਐਰ ਬਰਖਾ, ਪਾਠ-17 ਵੀਰ ਕੁੰਠਰ ਸਿੰਹ, ਪਾਠ-18 ਸੰਬਰ ਕੇ ਕਾਰਣ
ਤੁਨੁਕਮਿਜਾਜ ਹੋ ਗਯਾ-ਧਨਰਾਜ।

ਵਿਆਕਰਣ ਭਾਗ- ਕਾਰਕ, ਵਾਕਯ ਸੰਸ਼ੋਧਨ, ਵਿਲੋਮਸ਼ਬਦ, ਵਾਕਯਵਿਚਾਰ
ਭਿੰਨਾਰਥਕ ਸ਼ਬਦ (1-20)

ਜਨਵਰੀ:- ਪਾਠ-19 ਆਸ਼ਰਮ ਕਾ ਅਨੁਮਾਨਿਤ ਵਯਯ, ਪਾਠ-20 ਵਿਪਲਵ ਗਾਯਨ,
ਵਿਆਕਰਣ ਭਾਗ- ਪਤ੍ਰ, ਸੰਵਾਦ ਲੇਖਨ, ਨਿਬੰਧ।

ਫਰਵਰੀ:-Revision & Final Exam

Divinity

Term-1

ਅਪ੍ਰੈਲ:- (ਸਿੱਖੀ ਦੀ ਜਾਗ ਲਗਾਉਣ ਦਾ ਚਾਅ	ਪੰਨਾ 1 ਤੋਂ 5
(ਸਚੈ ਮਾਰਗ ਚਲਦਿਆ)	ਪੰਨਾ 5 ਤੋਂ 7
ਇੱਕ ਜੋਤ	ਪੰਨਾ 7 ਤੋਂ 10
ਘਾਲ ਖਾਇ ਕਿਛੁ ਹਥੁਹ ਦੇਇ	ਪੰਨਾ 10 ਤੋਂ 13
ਮਈ:- ਜਿਨੀ ਨਾਮੁ ਧਿਆਇਆ	ਪੰਨਾ 13 ਤੋਂ 16
ਕਦਰਤਿ ਕੇ ਸਭ ਬੰਦੇ	ਪੰਨਾ 16 ਤੋਂ 19
ਸੇਵਕ ਆਪਣੀ ਲਾਇਏ ਸੇਵ	ਪੰਨਾ 19 ਤੋਂ 22
ਵਿਦਿਆ ਵਿਚਾਰੀ ਤਾਂ ਪਰਉਪਕਾਰੀ	ਪੰਨਾ 22 ਤੋਂ 25

Semester 1 Exam

Term 2

ਦੇਗ ਤੇਗ ਫਤਹਿ	ਪੰਨਾ 25 ਤੋਂ 28
ਪਵਿੱਤਰ ਸਤਾਨ 1	ਪੰਨਾ 28 ਤੋਂ 32
ਪਵਿੱਤਰ ਸਥਾਨ 2	ਪੰਨਾ 32 ਤੋਂ 35
ਪਵਿੱਤਰ ਗ੍ਰੰਥ	ਪੰਨਾ 35 ਤੋਂ 38
ਪਾਠ, ਮੁੱਖ ਵਾਕ	ਪੰਨਾ 38 ਤੋਂ 41
ਪ੍ਰਭ ਪਾਸ ਜਨ ਕੀ ਅਰਦਾਸ	ਪੰਨਾ 41 ਤੋਂ 44
ਇਸ਼ਨਾਨ	ਪੰਨਾ 44 ਤੋਂ 47
ਅੰਮ੍ਰਿਤ ਛਕਣਾ	ਪੰਨਾ 47 ਤੋਂ 50

Exam Semester 2

Term 1

ਪੰਜ ਪਿਆਰੇ	ਪੰਨਾ 50 ਤੋਂ 53
ਚਾਰ ਸਹਿਬਜਾਦੇ	ਪੰਨਾ 53 ਤੋਂ 57
ਪੰਜ ਤਖਤ	ਪੰਨਾ 57 ਤੋਂ 60
ਪ੍ਰਸਿੱਧ ਗੁਰਦੁਆਰੇ-1	ਪੰਨਾ 60 ਤੋਂ 63
ਪ੍ਰਸਿੱਧ ਗੁਰਦੁਆਰੇ 2	ਪੰਨਾ 63 ਤੋਂ 66
ਭਾਗਾ ਵਾਲੇ ਨਗਰ	ਪੰਨਾ 66 ਤੋਂ 69
ਨਾ ਕੋਈ ਭੇਦ ਨਾ ਵਿਤਕਰਾ	ਪੰਨਾ 69 ਤੋਂ 72

Exam Semester 1

Term 2

ਚੜ੍ਹਦੀ ਕਲਾ	ਪੰਨਾ 72 ਤੋਂ 75
ਗੁਰਸਿੱਖ ਦਾ ਅਨੁਸ਼ਾਸਨ	ਪੰਨਾ 75 ਤੋਂ 78
ਦੁਹਰਾਈ	

Exam Semester 2

ਸਿਲੇਬਸ: ਪੰਜਾਬੀ

- ਅਪ੍ਰੈਲ:- ਕਿਰਿਆ-ਵਿਸ਼ੇਸ਼ਣ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਕਿਸਮਾਂ ਵਿਸਥਾਰ ਪੂਰਵਕ,
ਗਿਣਤੀ 1 ਤੋਂ 80 ਤੱਕ, ਇਸ਼ਤਿਹਾਰ, ਪਾਠ 1, 2
- ਮਈ:- ਲਿੰਗ ਬਦਲੋਂ ਵਾਕਾਂ ਵਿੱਚ, ਵਚਨ ਬਦਲੋਂ ਵਾਕਾਂ ਵਿੱਚ, ਲੇਖ, ਪਾਠ 3, 4,
ਤਸਵੀਰ ਵਰਣਨ, ਅਗੇਤਰ।

Unit 1 Exam

- ਜੁਲਾਈ:- ਵਿਰੋਧੀ ਸ਼ਬਦ, ਅਸੁੱਧ-ਸੁੱਧ ਵਾਕਾਂ ਵਿੱਚ, ਪੱਤਰ, ਲੇਖ, ਪਾਠ 5, 6
- ਅਗਸਤ:- ਸੰਬੰਧਕ ਪਰਿਭਾਸ਼ਾ ਤੇ ਕਿਸਮਾਂ ਵਿਸਥਾਰ ਪੂਰਵਕ, ਪਿਛੇਤਰ, ਮੁਹਾਵਰੇ,
ਇਸ਼ਤਿਹਾਰ, ਤਸਵੀਰ ਵਰਣਨ, ਪਾਠ 7, 8, 9.

ਸਤੰਬਰ:- ਦੁਹਰਾਈ Term 1 Exam

ਅਕਤੂਬਰ:- ਯੋਜਕ ਪਰਿਭਾਸ਼ਾ ਤੇ ਕਿਸਮਾ ਵਿਸਥਾਰ ਪੂਰਵਕ, ਲੇਖ,
ਅਖਾਣ, ਪਾਠ 10,11

ਨਵੰਬਰ:- ਲਿੰਗ ਬਦਲੋ ਵਾਕਾਂ ਵਿੱਚ, ਵਚਨ ਬਦਲੋ ਵਾਕਾਂ ਵਿੱਚ, ਬਹੁਤੇ ਸ਼ਬਦਾਂ
ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ, ਅਗੇਤਰ-ਪਿਛੇਤਰ, ਇਸ਼ਤਿਹਾਰ, ਪੱਤਰ,
ਪਾਠ 12, 13

Unit II Exam

ਦਸੰਬਰ:- ਮੁਹਾਵਰੇ, ਵਿਰੋਧੀ ਸ਼ਬਦ, ਬਹੁ-ਆਰਥਕ ਸ਼ਬਦ, ਲੇਖ, ਪਾਠ 14, 15

ਜਨਵਰੀ:- ਅਸ਼ੁੱਧ-ਸ਼ੁੱਧ ਵਾਕਾਂ ਵਿੱਚ, ਇਸ਼ਤਿਹਾਰ, ਤਸਵੀਰ ਵਰਣਨ,
ਪੱਤਰ, ਪਾਠ 16,17,18

ਫਰਵਰੀ:- ਦੁਹਰਾਈ Term II Exams

SYLLABUS G.K.

NAME OF BOOK: BRAIN TONER

PUBLISHED BY: PASSION BOOKS

PA1 SYLLABUS:-

Unit 1 Plants Around Us

Chapter 1 to 5

Unit 2 Animals Kingdom

Chapter 6 to 11

PA2 SYLLABUS:-

Unit 3 My India

Chapter 12 to 18

Unit 4 The World Around Us

Chapter 19 to 26

Unit 5 Language & Literature

Chapter 27 to 33

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

PA3 SYLLABUS

Unit 6 Science & Technology

Chapter 34 to 40

Unit 7 Sports & Entertainment

Chapter 41 to 47

Unit 8 Values & Life Skills

Chapter 48 to 49

PA 4 SYLLABUS

Unit 9 Brain Teaser

Chapter 50 to 53

Unit 10 Miscellaneous / Mixed Bag

Chapter 54 to 56

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