

Grade 8 Curriculum



Ridge Valley School
Annual Curriculum
2020-21



CONTENT

- English
- Science
- Mathematics
- Social Studies
- Hindi
- Spanish
- French
- Additional Subjects
 - Home Science
 - Computer Applications
 - Painting

ENGLISH



*Language shapes the way we think and determines
what we can think about.*

– Benjamin Lee Whorfa

Term 1

Cycle No.	Dates from	To	Grade 8
1	30.03.2020	09.04.2020	The Ant lion (Prose), Parts of Speech, Nouns, Pronouns
2	13.04.2020	24.04.2020	Where The Mind is Without Fear (Poem), Sentences & Phrases, Tenses
3	27.04.2020	08.05.2020	Punctuation, Informal Letter
4	11.05.2020	29.05.2020	The Silver Lining (Prose), Adjectives & Degrees of Comparison
5	06.07.2020	17.07.2020	Diary Entry, On the Grasshopper and Cricket (Poem), Extreme Weather (Prose), Verbs- Infinitives, Verbs – Gerunds & Participles
6	20.07.2020	30.07.2020	Articles & Determiners, Notice Writing
7	04.08.2020	14.08.2020	Last Lesson of the Afternoon (Poem), Bio-sketch
8	17.08.2020	28.08.2020	Going for Water, Speech, A Shot in the Dark (Prose),
Revision	31.08.2020	04.09.2020	Revision Cycle
Exam	07.09.2020	18.09.2020	Midterm Exam

Term 2

Cycle No.	Dates from	To	Grade 8
9	21.09.2020	01.10.2020	A boy's best friend, The West Wind
10	05.10.2020	16.10.2020	Homeless (Poem) Subject-Verb Agreement, Article writing
11	19.10.2020	29.10.2020	A Boy's Best Friend (prose), Formal letter (Letter to the Municipal Commissioner, Letter to the Editor)
12	02.11.2020	20.11.2020	Dreaming of the Dawn Wall (prose), Adverbs & Kinds of Adverbs
13	23.11.2020	04.12.2020	Skimbleshanks (poem), Active/Passive voice
14	07.12.2020	24.12.2020	Active/Passive voice, The Inchcape Rock (poem)
15	18.01.2021	29.01.2021	Twelfth Night (Prose)
16	01.02.2021	12.02.2021	If (Poem)
Revision	15.02.2021	25.02.2021	Revision Cycle
Exam	26.02.2021	12.03.2021	Term End Exam
	15.03.2021	26.03.2021	Result and Orientation



Science

“Everything is theoretically impossible, until it is done.”

- Robert A. Heinlein.

Term 1

Cycle No.	Dates from	To	Grade 8
1	30.03.2020	09.04.2020	Microorganisms: Friend and Foe
2	13.04.2020	24.04.2020	Light
3	27.04.2020	08.05.2020	Chemical effects of electric current
4	11.05.2020	29.05.2020	Crop production and Management
5	06.07.2020	17.07.2020	Materials: Metals and Non-Metals
6	20.07.2020	30.07.2020	Sound
7	04.08.2020	14.08.2020	Some natural phenomena
8	17.08.2020	28.08.2020	Combustion and flame
Revision	31.08.2020	04.09.2020	Revision Cycle
Exam	07.09.2020	18.09.2020	Mid-term Exam

Term 2

Cycle No.	Dates from	To	Grade 8
9	21.09.2020	01.10.2020	Coal and Petroleum
10	05.10.2020	16.10.2020	Cell- structure and Functions
11	19.10.2020	29.10.2020	Reaching the age of adolescence
12	02.11.2020	20.11.2020	Reproduction in animals
13	23.11.2020	04.12.2020	Force and Pressure
14	07.12.2020	24.12.2020	Friction & Conservation of Plants and animals
15	18.01.2021	29.01.2021	Pollution of air and water
16	01.02.2021	12.02.2021	Synthetic Fibres and Plastics
Revision	15.02.2021	25.02.2021	Revision Cycle
Exam	26.02.2021	12.03.2021	Term End Exam
	15.03.2021	26.03.2021	Result and Orientation

Mathematics



Doing Mathematics should always mean finding patterns and crafting beautiful and meaningful explanations!

-Paul Lockhart

Term 1

Cycle No.	Dates from	To	Grade 8
1	30.03.2020	09.04.2020	Rational Numbers
2	13.04.2020	24.04.2020	Linear Equations
3	27.04.2020	08.05.2020	Understanding Quadrilaterals
4	11.05.2020	29.05.2020	Understanding Quadrilaterals , Practical Geometry
5	06.07.2020	17.07.2020	Squares and square roots
6	20.07.2020	30.07.2020	Cubes and Cube Roots
7	04.08.2020	14.08.2020	Exponents and Powers
8	17.08.2020	28.08.2020	Data Handling
Revision	31.08.2020	04.09.2020	Revision Cycle
Exam	07.09.2020	18.09.2020	Mid term Exam

Term 2

Cycle No.	Dates from	To	Grade 8
9	21.09.2020	01.10.2020	Algebraic Expressions and Identities
10	05.10.2020	16.10.2020	Factorization
11	19.10.2020	29.10.2020	Visualization Solid Shapes
12	02.11.2020	20.11.2020	Mensuration
13	23.11.2020	04.12.2020	Mensuration
14	07.12.2020	24.12.2020	Comparing Quantities
15	18.01.2021	29.01.2021	Introduction to Graphs
16	01.02.2021	12.02.2021	Direct and Inverse Proportions
Revision	15.02.2021	25.02.2021	Algebraic Expressions and Identities
Exam	26.02.2021	12.03.2021	Term End Exam
	15.03.2021	26.03.2021	Result and Orientation

Social Science



“The more you know about the past, the better you are prepared for the Future”
Theodore Roosevelt

Term 1

Cycle No.	Dates from	To	Grade 8
1	30.03.2020	09.04.2020	Resources How, When & Where The Indian Constitution
2	13.04.2020	24.04.2020	Resources cont. From Trade to Territory The Indian Constitution
3	27.04.2020	08.05.2020	Land, Soil, Water, Natural Vegetation and Wildlife Resources. From Trade to Territory Understanding Secularism
4	11.05.2020	29.05.2020	Land, Soil, Water, Natural Vegetation and Wildlife Resources cont.
5	06.07.2020	17.07.2020	Land, Soil, Water, Natural Vegetation and Wildlife Resources cont. Ruling the Countryside
6	20.07.2020	30.07.2020	Ruling the Countryside Mineral and Power Resources Why do we need a Parliament?
7	04.08.2020	14.08.2020	Mineral and Power Resources When People Rebel 1857 and After Judiciary
8	17.08.2020	28.08.2020	Mineral and Power Resources When People Rebel 1857 and After
Revision	31.08.2020	04.09.2020	Revision Cycle
Exam	07.09.2020	18.09.2020	Mid term Exam

Social Science



Term 2

Cycle No.	Dates from	To	Grade 8
9	21.09.2020	01.10.2020	Agriculture Weavers, Iron Smelters and Factory Owners
10	05.10.2020	16.10.2020	Agriculture Understanding Our Criminal Justice System
11	19.10.2020	29.10.2020	Agriculture cont. Civilizing the Native: Educating the Nation The Making of the National Movement: 1870s–1947
12	02.11.2020	20.11.2020	Industries Women, Caste and Reform The Making of the National Movement: 1870s–1947
13	23.11.2020	04.12.2020	Industries cont. The Making of the National Movement: 1870s–1947
14	07.12.2020	24.12.2020	Industries cont. Understanding Marginalization
15	18.01.2021	29.01.2021	Human Resources India After Independence
16	01.02.2021	12.02.2021	Human Resources India After Independence
Revision	15.02.2021	25.02.2021	Revision Cycle
Exam	26.02.2021	12.03.2021	Term End Exam
	15.03.2021	26.03.2021	Result and Orientation



हिंदी

हिंदी द्वारा सारे भारत को एक सूत्र में पिरोया जा सकता है। -

स्वामी दयानंद

Term 1

Cycle No.	Dates from	To	Grade 8
1	30.03.2020	09.04.2020	ध्वनि, भाषा, लिपि और व्याकरण
2	13.04.2020	24.04.2020	लाख की चूड़ियाँ, वर्ण –विचार
3	27.04.2020	08.05.2020	बस की यात्रा ,अपठित गद्यांश व पद्यांश
4	11.05.2020	29.05.2020	दीवानों की हस्ती, पत्र लेखन पर्यायवाची व विलोम शब्द
5	06.07.2020	17.07.2020	भगवान के डाकिए ,विशेषण
6	20.07.2020	30.07.2020	क्या निराश हुआ जाए ,सर्वनाम,संज्ञा
7	04.08.2020	14.08.2020	वाचन कौशल गतिविधि
8	17.08.2020	28.08.2020	अनुच्छेद लेखन,श्रवण कौशल गतिविधि
Revision	31.08.2020	04.09.2020	Revision Cycle
Exam	07.09.2020	18.09.2020	Mid term Exam

Term 2

Cycle No.	Dates from	To	Grade 8
9	21.09.2020	01.10.2020	सुदामा चरित,लेखन कौशल गतिविधि
10	05.10.2020	16.10.2020	अकबरी लोटा,उपसर्ग –प्रत्यय
11	19.10.2020	29.10.2020	सूरदास के पद,चित्र वर्णन
12	02.11.2020	20.11.2020	कारक
13	23.11.2020	04.12.2020	बाज और साँप,संवाद लेखन
14	07.12.2020	24.12.2020	कबीर की सखियाँ ,विराम चिह्न
15	18.01.2021	29.01.2021	क्रिया व क्रिया विशेषण
16	01.02.2021	12.02.2021	संधि, विज्ञापन लेखन
Revision	15.02.2021	25.02.2021	Revision Cycle
Exam	26.02.2021	12.03.2021	Term End Exam
	15.03.2021	26.03.2021	Result and Orientation

Spanish



"With languages, you are home, you are home anywhere"

Edmond D Wall

Term 1

Cycle No.	Dates from	To	Grade 8
1	30.03.2020	09.04.2020	Lesson 9- Hemos ido al parque safari
2	13.04.2020	24.04.2020	Lesson 9- Hemos ido al parque safari
3	27.04.2020	08.05.2020	Lesson 10- El mundo animal
4	11.05.2020	29.05.2020	Lesson 10- El mundo animal Peru
5	06.07.2020	17.07.2020	Lesson11- Carmen es simpatica
6	20.07.2020	30.07.2020	Lesson11- Carmen es simpatica
7	04.08.2020	14.08.2020	Lesson 12- ¿Que estas haciendo?
8	17.08.2020	28.08.2020	Lesson 12- ¿Que estas haciendo? Venezuela
9	31.08.2020	04.09.2020	Revision

Term 2

Cycle No.	Dates from	To	Grade 8
9	07.09.2020	18.09.2020	Lesson 13- El tiempo libre
10	21.09.2020	01.10.2020	Lesson 13- El tiempo libre
11	05.10.2020	16.10.2020	Lesson 14- Los deportes
12	19.10.2020	29.10.2020	Lesson 14- Los deportes
13	02.11.2020	20.11.2020	Argentina
14	23.11.2020	04.12.2020	Lesson15- Las vacaciones
15	07.12.2020	24.12.2020	Lesson15- Las vacaciones
16	18.01.2021	29.01.2021	Lesson 16- El campamento
17	01.02.21	12.02.21	Topic- Imperativos
18	01.02.21	01.02.21	Revision
19	26.02.21	12.03.21	Revision



French

“Knowledge of languages is the doorway to wisdom.”

- Roger Bacon.

Term 1

Cycle No.	Dates from	To	Grade 8
1	30.03.2020	09.04.2020	Lesson 0- Que savez-vous de la France ?
2	13.04.2020	24.04.2020	L-1 Une boum
3	27.04.2020	08.05.2020	Lesson- 2 Jeanne d’Arc
4	11.05.2020	29.05.2020	Lesson 3 - La vie d’un mannequin est-elle facile ?
5	06.07.2020	17.07.2020	Lesson 4- On voyage
6	20.07.2020	30.07.2020	Lesson 4- On voyage
7	04.08.2020	14.08.2020	Lección 5 - Bon voyage !
8	17.08.2020	28.08.2020	Lección 5 - Bon voyage !
Revision	31.08.2020	04.09.2020	Revision Cycle
Exam	07.09.2020	18.09.2020	Midterm Exam

Term 2

Cycle No.	Dates from	To	Grade 8
9	21.09.2020	01.10.2020	Lesson 6 - Des nouvelles de Lyon
10	05.10.2020	16.10.2020	Lesson 6 - Des nouvelles de Lyon
11	19.10.2020	29.10.2020	Lesson7 - Bon Appétit Lesson
12	02.11.2020	20.11.2020	Lesson7 - Bon Appétit Lesson
13	23.11.2020	04.12.2020	8 - Des invitations
14	07.12.2020	24.12.2020	8 - Des invitations
15	18.01.2021	29.01.2021	Lesson 9 - Aneesh partira bientôt
16	01.02.2021	12.02.2021	Lesson 10 - La Météo
Revision	15.02.2021	25.02.2021	Revision
Exam	26.02.2021	12.03.2021	Cycle Term End Exam
	15.03.2021	26.03.2021	Result and Orientation



HOME SCIENCE

Everything is theoretically impossible until it's done-

- Robert A Heinlein

Term – 1

Cycle No.	Dates from	To	Grade 8
1	30.03.2020	09.04.2020	Communicable & Lifestyle diseases
2	13.04.2020	24.04.2020	
3	27.04.2020	08.05.2020	
4	11.05.2020	29.05.2020	Family & I
5	06.07.2020	17.07.2020	Food Quality and Food Safety
6	20.07.2020	30.07.2020	Management of Resources: Time, Energy and Money Time Management and Energy Management - Definition and Importance
7	04.08.2020	14.08.2020	Preparing Time plans Factors affecting time plan
8	17.08.2020	28.08.2020	Energy Saving Devices Create Prototype for energy management
Revision	31.08.2020	04.09.2020	Revision Cycle
Revision	07.09.2020	18.09.2020	MID TERM EXAMINATION

Term – 2

Cycle No.	Dates from	To	Grade 8
9	21.09.2020	01.10.2020	Measures of Safety and Management of Emergencies* First Aid : Concept and Importance
10	05.10.2020	16.10.2020	
11	19.10.2020	29.10.2020	
12	02.11.2020	20.11.2020	"Unit I : Human growth & development II <ul style="list-style-type: none"> • Concept of development • Types of Development • Impact of Nature and Nurture on developmental milestones
13	23.11.2020	04.12.2020	Introduction of Play in the process of development <ul style="list-style-type: none"> • Types of Play • Identifying toys for various age groups • Creating activities using Play
14	07.12.2020	24.12.2020	Understanding of Self <ul style="list-style-type: none"> • Defining Adolescence • Characteristics of An adolescent • Development in adolescents • Role of environment in shaping Identity
15	18.01.2021	29.01.2021	Media Communication Technology <ul style="list-style-type: none"> • Concept of Communication • Classification of Communication • The Communication Cycle • Modern Communication Technologies
16	01.02.2021	12.02.2021	
Revision	15.02.2021	25.02.2021	Revision Cycle
Revision	26.02.2021	12.03.2021	FINAL TERM EXAMS



Computer Applications

"Technology is best when it brings people together"

- Matt Mullenweg

Term 1

Cycle No.	Dates from	To	Grade 8
1	30.03.2020	09.04.2020	Communication Technology
2	13.04.2020	24.04.2020	Latest trends and technologies
3	27.04.2020	08.05.2020	Artificial Intelligence, Robotics, Wearable Technologies
4	11.05.2020	29.05.2020	Play with Google Apps
5	06.07.2020	17.07.2020	Google translate, Google Earth, Google Wallet
6	20.07.2020	30.07.2020	Social Networking and Being Cyber Smart
7	04.08.2020	14.08.2020	Creating a Documentary in Movie Maker 2012
8	17.08.2020	28.08.2020	System configuration and troubleshooting
Revision	31.08.2020	04.09.2020	Revision Cycle
Exam	07.09.2020	18.09.2020	Midterm Exam

Term 2

Cycle No.	Dates from	To	Grade 8
9	21.09.2020	01.10.2020	Database Management: Microsoft Access 2010
10	05.10.2020	16.10.2020	Raising Queries in MS Access
11	19.10.2020	29.10.2020	Sorting and Filtering records in MS Access
12	02.11.2020	20.11.2020	Designing forms and reports in MS Access
13	23.11.2020	04.12.2020	Graphic Designing: Photoshop CS6 basics
14	07.12.2020	24.12.2020	Using various Photoshop tools
15	18.01.2021	29.01.2021	Graphic Designing: Photoshop CS6 Next steps
16	01.02.2021	12.02.2021	Working with layers and filters in Photoshop
Revision	15.02.2021	25.02.2021	Revision Cycle
Exam	26.02.2021	12.03.2021	Term End Exam
	15.03.2021	26.03.2021	Result and Orientation



PAINTING

“EVERY CANVAS IS A JOURNEY ALL ITS OWN.”

– HELEN FRANKENTHALER

Term 1

Cycle No.	Dates from	To	Grade 8
1	30.03.2020	09.04.2020	Warli Folk art
2	13.04.2020	24.04.2020	Manadal art
3	27.04.2020	08.05.2020	Madhubani folk art
4	11.05.2020	29.05.2020	Simple nature scenery
5	06.07.2020	17.07.2020	Simple pencil shading techniques
6	20.07.2020	30.07.2020	Land scape, sea scape and city scape
7	04.08.2020	14.08.2020	Poster making
8	17.08.2020	28.08.2020	Simple calligraphy
Revision	31.08.2020	04.09.2020	Practice
Exam	07.09.2020	18.09.2020	Midterm Exam

Term 2

Cycle No.	Dates from	To	Grade 8
9	21.09.2020	01.10.2020	Warli Folk art
10	05.10.2020	16.10.2020	Manadal art
11	19.10.2020	29.10.2020	Madhubani folk art
12	02.11.2020	20.11.2020	Simple nature scenery
13	23.11.2020	04.12.2020	Simple pencil shading techniques
14	07.12.2020	24.12.2020	Land scape, sea scape and city scape
15	18.01.2021	29.01.2021	Poster making
16	01.02.2021	12.02.2021	Simple calligraphy
Revision	15.02.2021	25.02.2021	Warli Folk art
Exam	26.02.2021	12.03.2021	Cycle Term End Exam
	15.03.2021	26.03.2021	Result and Orientation