

Day 1

Monday

GRADE 9 &11

Atomic Structures

Estimated Time
4 : 00 Hours

Critical Points(page 44)
Dalton's Atomic Theory
Modern Atomic Theory
Critical Points(page 58)
Electromagnetism(EMR)
Critical Points(page 75)
Quantum Models
Critical Points(page 82)
Electron Configuration

Chemistry



Day 2

Tuesday

GRADE 9

Number System & Solution Of Equat..

Critical Points(page 13)

Real Number System
Verbal Equations
Critical Points(page 63)
Exponent & Radical
Critical Points(page 66)
Learner & Absolute Eq..
Critical Points(page 86)
Quadratic Equation

Mathematics



Day 3

Wednesday

GRADE 9 & 11

Measurement Vectors

Critical Points(page 2)

Errors, Precision, Accuracy
Significant Figures
Critical Points(page 22)
Type of Vectors
Critical Points(page 33)
Operations of Vectors
Critical Points(page 35)
Dot & Cross Vectors

Physics



Day 4

Tuesday

General

Tutorials Class

Entrance Hub Tutorials

Check General Pdf
Check Telegraph learning
Morning 12:30
Entrance Hub Tutorials
Check Grammar Concept
Morning 12:30
Check Daily Vocabulary

English



Day 5

Friday

GRADE 9 &10

Biotechnology

Estimated Time
3 : 00 Hours

Critical Points(page 10)
Traditional Uses of Bio..
Critical Points(page 5)
Ethiopian Biologist
Critical Points(page 12)
Biological Research
Critical Points(page 15)
Application of Biotechn...

Biology



Day 6

Saturday

Check Entrance Aptitude Book

Morning 12:30

Aptitude



Day 7

Sunday

GRADE 9-12

Democracy

Entrance Hub

Check Class Tutorials
Afternoon 10:30
Check Case Study Book
Check Telegraph
Refer Your Text
BOOK Concept

Civics



Day 8

Monday

GRADE 9 &11

Periodic Classification

Critical Points(page 38)

Modern Periodic Table
Critical Points(page 47)
Property of Per. Table
Critical Points(page 88)
Why Study Per. Table
Critical Points
Groups & Periods

Chemistry



Day 9

Tuesday

GRADE 9&10

Further of Sets & Polynomial Funct....

Estimated Time
5 : 00 Hours

Critical Points(page 106)
Describing & Notation set
Critical Points(page 119)
Operation of Set
Critical Points(page 19)
Operation of Polynomial
Critical Points(page 27)
Zeros Polynomial Funct..
Graph of Polynomial Fun..

Mathematics



Day 10

Wednesday

GRADE 9,10, 11

Motion 1D,2D

Critical Points(page 16)

Uniform Motion
Critical Points(page 28)
Uniform A accelerated Mot.
Critical Points(page 36)
Relative Velocity
Planetary&Satellite Mot.
Horizontal Pro. Motion
Vertical Projectile Mot.

Physics



Day 11

Tuesday

General

Tutorials Class

Entrance Hub Tutorials

Check General Pdf
Check Telegraph learning
Morning 12:30
Entrance Hub Tutorials
Check Grammar Concept
Morning 12:30
Check Daily Vocabulary

English



Day 12

Friday

GRADE 9&11

Cell Biology

Critical Points(page 112)

History of Cell
Critical Points(page 121)
Type &Function of Cell
Critical Points(page 125)
Transportation of Cell
Critical Points(page 127)
Davson-Daniels Model
Fluid Mosaic Model

Biology



Day 13

Saturday

Check Entrance Aptitude Book

Check Entrance Hub Exam

GRADE 9-12

Rule of Law

Entrance Hub

Check Class Tutorials

Afternoon 10:30

Check Case Study Book

Check Telegraph

Refer Your Text

BOOK Concept

Civics



Day 15

Monday

GRADE 9&11

Chemical Bonding

Critical Points(page 111)

Type of Chem.Bonding

Critical Points(page 130)

Molecular Geometry

Critical Points(page 185)

Metallic& Type of Cryst.

Critical Points(page 162)

Chemistry



Day 16

Tuesday

GRADE 10

Exponential & Logarithm Solving Inequality

Exponent & Logarithm

Equation of Logarithm

Equation & Graph of Exp

Inequality Involving

Absolute Value

Linear Inequality in 2V

Quadratic Inequality

Mathematics



Day 17

Wednesday

GRADE 9 & 11

Force & Newton Law or Dynamics
Critical Points(page 67)

25 | 08 | 2015
Estimated Time
6 : 00 Hours



Force Concept
1st,2nd,3rd Law of Mot..
Critical Points(page 75)
Learner Momentum
Critical Points(page 82)
Elastic & Inelastic Collis
Critical Points(page 92)
Uniform Circular Motion

Physics

Day 18

Thursday

GRADE 12

Evolution
Critical Points(page 171)

26 | 08 | 2015
Estimated Time
4 : 00 Hours



Origin of Life
Theory of Life
Critical Points(page 191)
Evidence of Evolution
Critical Points(page 204)
Process of Evolution
Critical Points(page 213)
Evolution of Human

Biology

Day 19

Friday

GRADE 9

Human Biology
Critical Points(page 51)

27 | 08 | 2015
Estimated Time
6 : 30 Hours



Food & Nutrition
Digestive System
Critical Points(page 82)
Respiratory System
Critical Points(page 99)
Cellular System
Critical Points(page 104)
Circulatory System

Biology

Day 20

Saturday

Check Entrance
Aptitude Book
Morning 12:30

28 | 08 | 2015
Check Entrance
Hub Exam



Aptitude

Day 21

Sunday

GRADE 11

Carboxylic Acid Esters ,Fats & Oils
Critical Points(page 317)
IUPAC Name of Carb.A
Critical Points(page 339)
Esters
Critical Points(page 346)
Fats and Oils
Property, Uses of Carb.A
Uses of Fats and Oils

29 | 08 | 2015
Estimated Time
4 : 00 Hours



Chemistry

Day 25

Tuesday

General

Tutorials Class
Entrance Hub Tutorials
Check General Pdf
Check Telegraph learning
Morning 12:30
Entrance Hub Tutorials
Check Grammar Concept
Morning 12:30
Check Daily Vocabulary

03 | 09 | 2015
Verbs, Modals, Adverbs, Phrasal Verbs



English

Day 26

Friday

GRADE 10

Human Biology
Critical Points(page 53)
Nervous System
Critical Points(page 76)
Sense Organ
Critical Points(page 93)
Endocrine Glands
Critical Points(page 108)
Reproductive Health
Homeostasis

04 | 09 | 2015
Estimated Time
6 : 30 Hours



Biology

Day 27

Saturday

GRADE 12

Introduction Derivatives
Critical Points(page 121)
Derivatives of Functions
Critical Points(page 125)
Derivatives at points
Critical Points(page 130)
Product,Quotient Rule
Critical Points(page 145)
Chain Rule

05 | 09 | 2015
Estimated Time
5 : 30 Hours



Mathematics

Day 28

Sunday

GRADE 9-12

Equality
Entrance Hub
Check Class Tutorials
Afternoon 10:30
Check Case Study Book
Check Telegraph
Refer Your Text
BOOK Concept

06 | 09 | 2015
Estimated Time
3 : 00 Hours



Civics

Day 29

Monday

GRADE 11

Chemical Kinetics
Critical Points(page 200)
Rate Theory& Reaction
Critical Points(page 225)
Rate Equation & Law
Critical Points(page 230)
Half Reaction Law
Critical Points(page 241)
Reaction Mechanism

07 | 09 | 2015
Estimated Time
4 : 30 Hours



Chemistry

Day 30

Tuesday

GRADE 11

Probability
Critical Points(page 146)
Statistics
Critical Points(page 185)
Probability
Critical Points(page 187)
Principle of Counting
Critical Points(page 190)
Computation of Probab..

08 | 09 | 2015
Estimated Time
5 : 00 Hours



Mathematics

Day 31

Wednesday

Grade 9 & 11

Simple Machine & Equilibrium
Critical Points(page 116)
Inclined Plane Layer
Wedge,screw Concept
critical Points(page 144)
Equilibrium of Particle
Critical Points(page 146)
Moment & Torque
Critical Points(page 155)
Couples

09 | 09 | 2015
Estimated Time
6 : 30 Hours



Physics

Day 32

Thursday

General

Tutorials Class
Entrance Hub Tutorials
Check General Pdf
Check Telegraph learning
Morning 12:30
Entrance Hub Tutorials
Check Grammar Concept
Morning 12:30
Check Daily Vocabulary

10 | 09 | 2015
Articles, Determiners, Prepositions and Conjunctions



English

Entrance Hub Ethiopia 90 Days Reading And Teaching Plan For Students Preparing University Entrance Examination

Day 33		Friday	Day 34		Saturday	Day 35		Sunday	Day 36		Monday
GRADE 10&11		11 09 2015	Estimated Time 5 : 00 Hours		Check Entrance Aptitude Book Morning 12:30	GRADE 10&12		13 09 2015	GRADE 9		14 09 2015
Food Making & Growth Energy Transformation Critical Points(page 142) The Leaf&Tropism plant Plant Hormone Critical Points(page 152) Respiration Critical Points(page 170) Photosynthesis Critical Points(page 176) C3 & C4 Plant		Biology		Current Electricity Critical Points(page 81) Electric Current Critical Points(page 92) Ohm's Law Critical Points(page 108) e.m.f & Resistance Critical Points(page 112) Electric Energy &Power		Physics		Chemical Rn & Stoichiometry Critical Points(page 97) Law of Chem. Reaction Balancing Chem.Equat. Critical Points(page 113) Type of Chemical Equat. Critical Points(page 108) Energy Change of Chem Critical Points(page 123) Stoichiometry		Chemistry	
											

Day 37		Tuesday	Day 38		Wednesday	Day 39		Thursday	Day 40		Friday
GRADE 9 & 11		15 09 2015	GRADE 11		16 09 2015	General		17 09 2015	GRADE 9,10,12		18 09 2015
Relation & Function		Estimated Time 4 : 00 Hours	Rotational Motion		Estimated Time 4 : 00 Hours	Tutorials Class		Synonyms, Antonyms, homonyms, homophones	Environment Cor.Ecology		Estimated Time 6 : 50 Hours
Critical Points(page 157) Type of Function Critical Points(page 21) Classification of Funct.. Critical Points(page 27) Composition of Function Critical Points(page 31) Inverse Function			Critical Points(page 119) Rotation & Torque Critical Points(page 124) Dynamics Rigid body Critical Points(page 135) Angular Momentum Critical Points(page 140) Center of Mass Rig. Body			Entrance Hub Tutorials Check General Pdf Check Telegraph learning Morning 12:30 Entrance Hub Tutorials Check Grammar Concept Morning 12:30			Critical Points(page 200) Ecosystems&Adaptation Critical Points(page 204) Food Relations&Recycle Critical Points(page 188) Wild life, Air, Vegetation Ecological Succession Biomes& Biodiversity		
Mathematics			Physics			English			Biology		

Day 41		Saturday	Day 42	Sunday	Day 43	Monday	Day 44	Tuesday
Check Entrance Aptitude Book Morning 12:30	19 09 2015	Check Entrance Hub Exam	GRADE 12 Behaviour Critical Points(page 238) Inmate Behaviour Critical Points(page 246) Learned Behaviours Critical Points(page 256) Behaviour Pattern	20 09 2015	Grade 10 & 12 Electrochemistry Critical Points(page 158) Redox Reaction Critical Points(page 165) Electrolysis of solution Critical Points(page 176) Faradays Law Critical Points(page 183) Application of Electroly.. Galvanic (Voltaic) Cell	21 09 2015	GRADE 11 Rational Expre.. Complex Num.. Critical Points(page 38) Simplification Critical Points(page 267) Operation Complex No.. Critical Points(page 274) Conjugate & Modulus Critical Points(page 279) Simplification Complex.. Argand & Polar Comp..	22 09 2015
Aptitude			Biology		Chemistry		Mathematics	

Day 45		Wednesday		Day 46		Thursday		Day 47		Friday		Day 48		Saturday	
GRADE 9&11		23 09 2015		GRADE 12		24 09 2015		GRADE 9		25 09 2015				26 09 2015	
Fluid Statics & Bulk Matter		Estimated Time 5 : 00 Hours		Application of Derivatives		Estimated Time 5 : 00 Hours		Classification		Estimated Time 5 : 00 Hours		Check Entrance Aptitude Book		Check Entrance Hub Exam	
Critical Points(page 141)				Critical Points(page 163)				Critical Points(page 171)				Morning 12:30			
Fluid&Air Pressure				Extreme Value				Principle of Classification							
Critical Points(page 156)				Critical Points(page 166)				Critical Points(page 178)							
Elastic Behaviours				Decreasing &Increasing				Five Kingdoms							
Critical Points(page 175)				Critical Points(page 168)				Critical Points(page 180)							
Bernoullis Principle				Absolute Min & Max				Classify Angiosperms							
Critical Points(page 180)				Critical Points(page 190)				Critical Points(page 189)							
Stokes Law				Concavity				Vertebrates & Inverreble							
Entrance Hub Ethiopia				Physics				Mathematics				Biology			
														Aptitude	

Day 49

Sunday

Day 50

Monday

Day 51

Tuesday

Day 52

Wednesday

GRADE 9-12

Justice

Entrance Hub

Check Class Tutorials

Afternoon 10:30

Check Case Study Book

Check Telegraph

Refer Your Text

BOOK Concept

27 | 09 | 2015

Estimated Time

6 : 00 Hours



GRADE 10&12

Acid Base Salt

Ionic Equilibria

Critical Points(page 93)

Acid Base Definition

Oxides ,Acids,Bases,Salts

Critical Points(page 77)

weak Acid &Base Equil.

Critical Points(page 12)

Common Ion & Buffer...

Critical Points(page 12)

Acid Base Indicators

28 | 09 | 2015

Estimated Time

6 : 30 Hours



GRADE 9,11 &12

Vector and

Transformation

Critical Points(page 306)

Operation of Vectors

Vectors & Lines

Critical Points(page 320)

Translations

Critical Points(page 325)

Reflections

Critical Points(page 336)

Rotations

29 | 09 | 2015

Estimated Time

6 : 30 Hours



GRADE 12

Integration

Critical Points(page 208)

Reverse Process Differ...

Critical Points(page 220)

Technique of Integration

Critical Points(page 233)

Definite Integration(Area)

Critical Points(page 245)

Application of Integration

30 | 09 | 2015

Estimated Time

6 : 00 Hours



Mathematics

Day 53

Thursday

Day 54

Friday

Day 55

Saturday

Day 56

Sunday

General

Tutorials Class

Entrance Hub Tutorials

Check General Pdf

Check Telegraph learning

Morning 12:30

Entrance Hub Tutorials

Check Grammar Concept

Morning 12:30

01 | 10 | 2015

Spotting

Errors



GRADE 9 &12

MicroOrganism

& Disease

Critical Points(page 124)

MicroOrganisms

Critical Points(page 137)

Diseases

Critical Points(page 158)

HIV & AIDS

Critical Points(page 164)

Life Cycles of HIV AIDS

02 | 10 | 2015

Estimated Time

5 : 00 Hours



GRADE 10&12

Magnetism

Critical Points(page 126)

Concept of Magnet Field

Critical Points(page 132)

Magnetic Force

Critical Points(page 132)

Electromagnetic Induction

Critical Points(page 256)

Ampers Law

03 | 10 | 2015

Estimated Time

4 : 00 Hours



GRADE 9-12

Patriotism

Entrance Hub

Check Class Tutorials

Afternoon 10:30

Check Case Study Book

Check Telegraph

Refer Your Text

BOOK Concept

04 | 10 | 2015

Estimated Time

3 : 00 Hours



Civics

Day 57

Monday

Day 58

Tuesday

Day 59

Wednesday

Day 60

Thursday

GRADE 11

Chemical

Equilibrium

Critical Points

Characteristic of Equilibr.

Critical Points

The Law of Mass Action

Critical Points

Le Chatelier Principle

Critical Points

Determine Kc&Kp Value

Reaction Quotient

05 | 10 | 2015

Estimated Time

3 : 50 Hours



GRADE 10&11

Trigonometric

Functions

Critical Points(page 201)

Reciprocal &Simplify

Critical Points(page 353)

Inverse of Trigonometry

Critical Points(page 361)

Graph of Trigonometric..

Critical Points(page 377)

Application of Trig..

06 | 10 | 2015

Estimated Time

4 : 30 Hours



GRADE 9&12

Heat and

Thermodynamics

Critical Points(page 179)

Expansion of State

Critical Points(page 3)

Thermal Equilibrium

Critical Points(page 9)

1st&2nd law of Thermo..

Critical Points(page 21)

Kenetic Theory of Gases

Heat Engine&Refrigerator

07 | 10 | 2015

Estimated Time

6 : 00 Hours



General

Tutorials Class

Entrance Hub Tutorials

Check General Pdf

Check Telegraph learning

Morning 12:30

Entrance Hub Tutorials

Check Grammar Concept

Morning 12:30

Check Daily Vocabulary

08 | 10 | 2015

Idioms, Phrases

and proverbs



English

Day 61

Friday

Day 62

Saturday

Day 63

Sunday

Day 64

Monday

GRADE 11

Biochemical molec..

Enzymes

Critical Points(page 42)

InOrganic&Organic Mol..

Critical Points(page 80)

Nature of Enzymes

Critical Points(page 88)

Function of Enzyme

Critical Points(page 93)

Factor Affecting Enzyme

09 | 10 | 2015

Estimated Time

5 : 00 Hours



Biology

GRADE 12

Thermodynamics

Critical Points(page 120)

Common Thermo. Terms

Critical Points(page 123)

1st Law of Thermo..

Critical Points(page 12)

2nd Law of Thermo...

Critical Points(page 143)

10 | 10 | 2015

Estimated Time

3 : 00 Hours



Chemistry

GRADE 11

Matrices

Determinant

Critical Points(page 221)

Matrices

Determinants

Critical Points(page 241)

Inverse Matrices

Critical Points(page 246)

11 | 10 | 2015

Estimated Time

4 : 00 Hours



Mathematics

GRADE 12

Solutions

Critical Points(page 2)

Solution Process

Critical Points(page 23)

Expressing Conc. Mixtur.

Critical Points(page 36)

Preparation Solution

Critical Points(page 46)

12 | 10 | 2015

Estimated Time

6 : 30 Hours



Chemistry

Day 65

Tuesday

GRADE 9&10

Geometry & Measur.
Plane Geometry
Critical Points(page 176)

13 | 10 | 2015
Estimated Time
6 : 30 Hours

Mathematics



Polygon&Measurement
Congruency&Similarity
Critical Points(page 221)
Circles & Triangles
Critical Points(page 239)
Quadrilaterals
Critical Points(page 261)
Regular Polygons

Day 66

Wednesday

GRADE 9&12

Oscillation &
Wave Motion
Critical Points(page 221)

14 | 10 | 2015
Estimated Time
5 : 00 Hours

Physics



Mechanical Wave
Property of Waves
Critical Points(page 53)
Periodic Motion
Critical Points(page 80)
Wave Motion
Critical Points(page 97)
Sound & Loudness

Day 67

Thursday

GRADE 12

Electromagnetic
Induction
Critical Points(page 256)

15 | 10 | 2015
Estimated Time
3 : 00 Hours

Physics



Conductor & Insulator
Critical Points(page 281)
Generator & Transformer
Critical Points(page 287)
Alternative Current
Critical Points(page 304)
Power in A.C Current

Day 68

Friday

GRADE 12

Genetics
Critical Points(page 102)

16 | 10 | 2015
Estimated Time
6 : 00 Hours

Biology



Genetics Cross
Gender Determination
Critical Points(page 128)
Molecular Genetics
Critical Points(page 142)
Protein Synthesis
Critical Points(page 152)
Mutation

Day 69

Saturday

GRADE 9-12

Check Entrance
Aptitude Book
Morning 12:30

Check Entrance
Hub Exam



17 | 10 | 2015

Day 70

Sunday

GRADE 9-12

Responsibility
Entrance Hub
Afternoon 10:30

Civics



18 | 10 | 2015
Estimated Time
3 : 00 Hours

Day 71

Monday

GRADE 10&12

Some Element in
Chemistry & Polymer
Critical Points(page 221)

Chemistry



19 | 10 | 2015
Estimated Time
5 : 00 Hours

Day 72

Tuesday

GRADE 11&12

Logic&Reasoning
Sequences&Series
Critical Points(page 137)

Mathematics



20 | 10 | 2015
Estimated Time
4 : 00 Hours

Day 73

Wednesday

GRADE 10 & 12

Electromagnetic Wave
Optics
Critical Points(page 119)

Physics



21 | 10 | 2015
Estimated Time
5 : 00 Hours

Day 74

Thursday

General
Tutorials Class
Entrance Hub Tutorials

English



22 | 10 | 2015
Sentence and
Passage
Completion

Day 75

Friday

GRADE 12

Genetics
Critical Points(page 102)

Biology



23 | 10 | 2015
Estimated Time
4 : 00 Hours

Day 76

Saturday

Check Entrance
Aptitude Book
Morning 12:30

Check Entrance
Hub Exam



24 | 10 | 2015

Day 77

Sunday

GRADE 9-12

Industriousness
Self Reliance
Entrance Hub

Civics



25 | 10 | 2015
Estimated Time
4 : 00 Hours

Day 78

Monday

GRADE 10

Organic
Compounds
Critical Points(6-27)

Chemistry



26 | 10 | 2015
Estimated Time
4 : 00 Hours

Day 79

Tuesday

GRADE 12

Limits &
continuity
Critical Points(page 60)

Mathematics



27 | 10 | 2015
Estimated Time
4 : 00 Hours

Day 80

Wednesday

GRADE 10&12

Electrostatics
Critical Points(page 143)

Physics



28 | 10 | 2015
Estimated Time
6 : 30 Hours

Entrance Hub Ethiopia		Entrance Hub Ethiopia	
Day 81		Day 82	
Thursday		Friday	
General 29 10 2015		GRADE 9-12 30 10 2015	
Tutorials Class Entrance Hub Tutorials Check General Pdf Check Telegraph learning		Saving Entrance Hub Check Class Tutorials Afternoon 10:30 Check Case Study Book Check Telegraph Refer Your Text BOOK Concept	
Morning 12:30 Entrance Hub Tutorials Check Grammar Concept Morning 12:30 Check Daily Vocabulary		Estimated Time 3 : 00 Hours	
English 		Civics 	