## 11TH GRADE US TRACK CURRICULUM OVERVIEW – SEMESTER I (2023 - 2024)

| Q1/2 | Art<br>Ms. Jolade | AP Biology<br>Mr Sam | Biology<br>Mr Seun | Business Studies<br>Mr. Abiola | DT<br>Mr. Shine | Coding<br>Mr. Shine | Microeconomics<br>Mr. Solomon A | Entrepreneur Skills<br>Mr. Abiola | English<br>Ms. Elena |
|---|---|---|---|---|---|---|---|---|---|
| 1.1 | Principles of design | Chemistry of life | Chemistry of life | Enterprise | Sketchup: Introduction & setup | Introduction to python | Basic economic concepts | Introduction to innovation | English procedures SAT practice test |
| 1.2 | Principles of design | Chemistry of life | Chemistry of life | Business structure | Design & technology in society Observe need/ requirement | Python syntax | | Introduction to innovation | Review parts of speech Text structures/fragment & run-on sentences |
| 1.3 | Principles of design | Cell structure & functions | Chemistry of life | Size of business | Design project 1 | Python comments | Nature & functions of product markets | Introduction to innovation | Text structures/ fragment & run-on sentences Novel: Night |
| 1.4 | Principles of design | Cell structure & functions | Cell structure & functions | Business objectives | Drawing & construction tools | Python variables | | Entrepreneur & the process | The writing process Novel: Night |
| 1.5 | Classical drawing: Organic & inorganic things | Cellular energetics | Cell structure & functions | Stakeholders in a business | Design brief/ specification | Python variables | | Entrepreneur & the process | Rhetorical situations Novel: Night |
| 1.6 | Classical drawing: Organic & inorganic things | Cellular energetics | Cell structure & functions | Management & leadership | Design project 2 | Python data types | Production & costs | Idea vs opportunity | Rhetorical situations Novel: Night |
| 1.7 | Classical drawing: Organic & inorganic things | Cellular energetics | Cell energetics | Motivation | Sketchup: Modification tools | Python numbers | | Idea vs opportunity | Review rhetorical triangle & ethos, logos, pathos Novel: Night |
| October 23-27 - FALL BREAK | | | | | | | | | |
| 1.8 | Classical drawing: Organic & inorganic things | Cell communication & cell cycle | Cell energetics | Human resource management | Health & safety | Python casting | Market structure: Perfect competition | Idea selection | Descriptive writing Novel: Night |
| 1.9 | Classical drawing: Figure drawing & painting | Cell communication & cell cycle | Cell communication & cell cycle | What is marketing? | | Python strings | Market structure: Imperfect competition (monopoly, monopolistic competition) | Building financial statements | Descriptive writing Novel: The Alchemist |
| 1.10 | Classical drawing: Figure drawing & painting | Heredity | Cell communication & cell cycle | Market research | Design project 3 | Python booleans | | Building financial statements | Summarising multiple references Novel: The Alchemist |

| 2.1 | Classical drawing: Figure drawing & painting | Heredity | Heredity | Product & price | | Python operators | Game theory | Analysis of the competitive environment | Summarising multiple references Novel: The Alchemist |
|---|---|---|---|---|---|---|---|---|---|
| 2.2 | Classical drawing: Figure drawing & painting | Revision | Heredity | Revision | Revision | Python lists | Revision | Revision | Summarising multiple references Novel: The Alchemist |
| 2.3 | **Exams** | **Exams** | **Exams** | **Exams** | **Exams** | **Exams** | **Exam** | **Exams** | **Exams** |
| 2.4 | Classical drawing: Figure drawing & painting | Gene expression & regulation | Gene expression & regulation | Promotion | Sketchup: Sectioning/ styles | Python lists | Correction | Analysis of the competitive environment | Research writing & citing Novel: The Alchemist |
| 2.5 | Classical drawing: Landscape art & architecture | Gene expression & regulation | Gene expression & regulation | Promotion | Identification/ research | Python lists | Factor market | Analysis of the competitive environment | Research writing & citing Novel: The Alchemist |
| 2.6 | Classical drawing: Landscape art & architecture | Gene expression & regulation | Natural selection | Place | Design project 4 | Python lists | Factor market | Revision | Research writing & citing Novel: The Alchemist |
| 2.7 | Classical drawing: Landscape art & architecture | Natural selection | Natural selection | Place | Sketchup: Imaging & presentation | Python lists | Market failure & the role of government | Strategic analysis | Compare & contrast essay Novel: The Alchemist |
| 2.8 | Classical drawing: Landscape art & architecture | Natural selection | Ecology | Marketing drills | Generation of possible ideas | Python tuple | Market failure & the role of government | Strategic analysis | Compare & contrast essay Novel: The Alchemist |
| 2.9 | Classical drawing: Landscape art & architecture | Natural selection | Ecology | General drill (units 1-3) | Design project 5 | Python tuple | Review & test | Review & drills | Compare & contrast essay Novel: The Alchemist |

| 11TH GRADE CURRICULUM OVERVIEW – SEMESTER I (2023 - 2024) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Q2** | **AP French Mr. Kivi** | **DE Geography Ms. Lolade** | **Health Wellness Mr. Samson** | **Math Mr. James** | **Music Appreciation Ms. Christiana** | **Physics Mr. Fred** | **Pre-Calculus (AP) Mr. Ife** | **AP World History Ms. Elena** | **Psychology I** |
| 1.1 | Families in different societies | Five themes of geography | Introduction to health & wellness | Review of basic algebra | Routines & procedures | Physics conventions: Measurements & mathematical concepts | Exploring rates of change | Themes of world history/soaps | History & approaches |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **1.2** | Families in different societies | Five themes of geography | Health promotions | Review of basic algebra | Rhythm notation | Physics conventions: Measurements & mathematical concepts | Exploring rates of change | The global tapestry | History & approaches |
| **1.3** | Families in different societies | Population | Health promotions | Linear equations, absolute value equations, exponential equations, etc. | Rhythm notation | Physics conventions: Measurements & mathematical concepts | Exploring rates of change | The global tapestry | History & approaches |
| **1.4** | Families in different societies | Population | Physical wellness | Systems of linear equations (two & three variables) | Melody writing | Scalar & vector | Polynomial & rational functions | The global tapestry | Research |
| **1.5** | Influence of language & culture on society | Population | Physical wellness + gym sessions | Systems of linear equations & inequalities, including word problems | Melody writing | Scalar & vector | Polynomial & rational functions | Networks of exchange | Research |
| **1.6** | Influence of language & culture on society | Migration | Nutritional wellness | Systems of linear inequalities; linear programming | Primary chords (I-IV-V) | Scalar & vector | Polynomial & rational functions | Networks of exchange | Infancy & childhood |
| **1.7** | Influence of language & culture on society | Migration | Nutritional wellness + practice | Matrices & determinants | Primary chords (I-IV-V) | Scalar & vector | Constructing functions | Networks of exchange | Infancy & childhood |
| **October 23 - 27 - FALL BREAK** | | | | | | | | | |
| **1.8** | Influence of language & culture on society | Agricultural & rural land-use | Emotional & mental wellness | Matrices & determinants | Note relativity (major scale) | Kinematics in one & two dimensions | Constructing functions | Land-based empires | Infancy & childhood |
| **1.9** | Influence of beauty & art | Agricultural & rural land-use | Emotional & mental wellness | Matrices & determinants | Note relativity (intervals) | Kinematics in one & two dimensions | Constructing functions | Land-based empires | Adolescence & adulthood |
| **1.10** | Influence of beauty & art | Agricultural & rural land-use | Emotional & mental wellness | Quadratic equations & parabolas | Chord perception (maj,min) | Kinematics in one & two dimensions | Exponential functions | Transoceanic interconnections | Adolescence & adulthood |
| **2.1** | Influence of beauty & art | Geographical perspectives | Emotional & mental wellness | Quadratic equations & parabolas Complex numbers | Chord perception (aug,dim) | Kinematics in one & two dimensions | Exponential functions | Transoceanic interconnections | Adolescence & adulthood |
| **2.2** | Influence of beauty & art | Geographical perspectives | Introduction to research methodology in Health & Wellness | Relations, functions & inverse functions | Note transcription on C major | Kinematics in one & two dimensions | Logarithm functions | Transoceanic interconnections | Sensation & perception |
| **2.3** | **Exam** | **Exams** | **Exams** | **Exams** | **Exams** | **Exams** | **Exams** | **Exams** | **Exams** |
| **2.4** | How science & technology affect | Political organisation of | Sexual wellness | Recursive functions; transformation of graphs | Note transcription on G and F major | Dynamics: forces | Logarithm functions | Revolutions | Sensation & perception |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | our lives | space | | of functions | | | | | |
| **2.5** | How science & technology affect our lives | Political organisation of space | Sexual wellness | Powers, roots & radicals | Sight reading on the keys C, F & G major | Dynamics: forces | Exploring sine & cosine functions | Revolutions | Sensation & perception |
| **2.6** | How science & technology affect our lives | Political organisation of space | Genetics & health: Cardiovascular diseases | Powers, roots & radicals | The life of Frederick Chopin | Dynamics: forces | Exploring sine & cosine functions | Revolutions | Altered states of consciousness |
| **2.7** | How science & technology affect our lives | Culture | Genetics & health: Cancer | Introduction to logarithms | The life of Frederick Chopin | Dynamics: forces | Exploring sine & cosine functions | Consequences of industrialization | Altered states of consciousness |
| **2.8** | Factors that impact the quality of life | Culture | Genetics & health: Using drugs & medications responsibly | Exponential & logarithmic functions | Music analysis of selected 21st century music | Dynamics: forces | Working with trigonometric functions | Consequences of industrialization | Altered states of consciousness |
| **2.9** | Factors that impact the quality of life | Culture | Genetics & health: Common psychoactive drugs | Exponential & logarithmic functions | Music analysis of selected 21st century music | Dynamics: forces | Polar functions | Consequences of industrialization | Altered states of consciousness |