

## Curriculum Verview Year 7-9 2021/22





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## Design+ Technology

2 x 40 minute lessons/week



**Teacher** 

Mr Matthew McCobb mmccobb@standrews-schools.com



**Teacher** 

Mr. Michael Ratcliffe mratcliffe@standrews-schools.com



**Faculty Head** 

Mr. Michael Clayton mclayton@standrews-schools.com

## Design + Technology | YEAR 7

#### 1 Introduction to Woodwork Skills

Duration 4 weeks

#### **Aims**

 to gain the knowledge and skills of equipment needed to shape wood materials

#### **Assessment**

Finished project and booklet

#### 4 Timber!!

Duration 4 weeks

#### **Aims**

- to gain an understanding of Timbers - origins, felling, processing, use and sustainability

#### **Assessment**

Final test and completed workbook

#### 2 Development of Woodworking skills

Duration 10 weeks

#### **Aims**

- to develop knowledge and skills of specialist equipment needed to shape wood materials
- to gain knowledge of CAD

#### **Assessment**

Completed booklet and final project

#### 5 Mechanisms in use

Duration 12 weeks

#### **Aims**

- to develop knowledge and skills of shaping wood
- to develop knowledge of Motions & Mechanisms and the Design process

#### **Assessment**

Completed workbook plus project evidence

#### 3 Sketching and Formal Drawing

Duration 6 weeks

#### **Aims**

- to gain knowledge and skills of formal drawing aspects
- to gain knowledge and skills of sketching for designing aspects

#### **Assessment**

Test of drawing skills and development from initial to final lessons

## Design + Technology | YEAR 8

1 Introduction to joining Metals & Plastics

Duration 8 weeks

#### **Aims**

to gain knowledge of shaping metals and plastics

#### **Assessment**

Final project and booklet

3 Drawing and Sketching skills

Duration 8 weeks

#### **Aims**

 to develop skills with formal drawing techniques and CAD

#### **Assessment**

Final test and unit progress

2 Introduction to joining Metals & Plastics

Duration 8 weeks

#### **Aims**

to gain knowledge of joining metals and plastics

#### **Assessment**

Skills assessment & project booklet

4 Design Process with Metals and Plastics shaping

Duration 12 weeks

#### **Aims**

- to develop knowledge and use of the design process
- to gain knowledge of how to shape metals and plastics

#### **Assessment**

Final project and booklet

## Design + Technology | YEAR 9

1 Design Process & Timber Knowledge

Duration 12 weeks

#### **Aims**

- to gain a better understanding of the Design Process
- to gain knowledge of how to manipulate Timbers with a wider range of equipment

#### **Assessment**

Final project and booklet

#### 3 Rapid Prototyping

Duration 6 weeks

#### **Aims**

- to gain skills using Rapid prototyping software and hardware

#### **Assessment**

Final project and booklet

#### 2 CAD/CAM Systems & Design Process

Duration 10 weeks

#### **Aims**

- to gain a deeper understanding of CAD/CAM systems
- to gain deeper knowledge of the Design Process

#### **Assessment**

Final project and booklet

### **4** Developing Formal Drawing Techniques

Duration 8 weeks

#### **Aims**

- to develop knowledge and skills with formal drawing techniques
- to develop working knowledge of CAD

#### **Assessment**

Final test



## Drama

2 x 40 minute lessons/week



**Teacher** 

Ms. Sally Carter scarter@standrews-schools.com



**Faculty Head** 

Mr. Michael Clayton mclayton@standrews-schools.com

## Drama | YEAR 7



Duration 8 weeks

#### **Aims**

- to understand the fundamental skills in creating and performing drama
- to understand the team working skills needed in drama

#### **Assessment**

Devised group performance

#### 3 Radio Play

Duration 11 weeks

#### **Aims**

- to understand how to use their voice to create a performance
- to understand the conventions of Radio Plays

#### **Assessment**

Final Radio Play performance, with original script

#### 2 Greek Theatre

Duration 7 weeks

#### Aims

- to understand where and how Theatre was created in Ancient Greece
- to create a piece of theatre using Greek
  Theatre conventions

#### **Assessment**

Devised performance in the style of Greek Theatre

#### 4 Grimm Tales

Duration 10 weeks

#### **Aims**

- to understand how to approach a script
- to develop practical performance skills on stage
- to understand how to perform as a group

#### **Assessment**

Students perform a script from the Grimm Tales by Carol Ann Duffy

## Drama | YEAR 8

1 Devising

Duration 8 weeks

#### Aims

- to understand the stages in devising a piece of theatre
- to create and develop a piece of devised theatre from a stimulus
- to write and perform their own monologue

#### **Assessment**

Devised student performance & monologue

3 Blood Brothers by Willy Russell

Duration 10 weeks

#### **Aims**

- to understand the context of the play Blood Brothers
- to develop skills in understanding a script and stage directions
- to develop a characters voice and physical skills from their understanding of the play

#### **Assessment**

Performance of extract from Blood Brothers

Hard to Swallow by Mark Wheeler (Physical Theatre)

Duration 7 weeks

#### **Aims**

- to understand how to use physical theatre to help tell a story
- to understand a script and the stage directions and how to work from page to stage
- to develop the skills to collaboratively work as a group to perform a script

#### **Assessment**

Performance of extract from Hard to Swallow

1 Commedia Dell Arte

Commedia Dell Arie

11 weeks

#### **Aims**

Duration

- to learn about the theatre style Commedia
- to develop skills performing Commedia characters on stage
- to create a storyline appropriate to the Commedia style

#### **Assessment**

Devised student performance

## Drama | YEAR 9

#### 1 Tell Tale Heart

**Duration** 8 weeks

#### **Aims**

- to understand the key drama conventions in Devising Theatre
- to be able to create a performance inspired by "The Tell Tale Heart" by Edgar Allan Poe

#### **Assessment**

Final devised performance

#### 3 An Inspector Calls by J.B. Priestly

Duration 10 weeks

#### **Aims**

- to understand the context of An Inspector Calls
- to develop skills in understanding a script and working on developing it from page to stage
- to create performances focusing on understanding of characters in the script

#### **Assessment**

Final performance extract

#### Melodrama

Duration 7 weeks

#### **Aims**

- to understand the stock characters in Melodrama
- to develop performance skills of stock characters
- to create a Melodrama performance using its conventions

#### **Assessment**

Final devised performance

#### **4** Movie Trailers

Duration 11 weeks

#### **Aims**

- to create performances using the performance skills acquired over KS3
- to create performances inspired by a stimulus

#### **Assessment**

Movie trailer project



## Music

2 x 40 minute lessons/week



### **Teacher**

Ms. Irene Jover Trallero itrallero@standrews-schools.com



## Teacher & Faculty Head

Mr. Michael Clayton mclayton@standrews-schools.com

## Music | YEAR 7

Duration	8 weeks
Aims	
- to explore Theme and Vario	ations form in music
- to develop composition ski	lls
- to improve keyboard skills	
Assessment	
Final Theme and Variations of	composition

4 Ternary Form	
Duration	6 weeks
Aims	
- to develop compositional skills	
- to explore A-B-A ternary form	
- to create contrast in music	
Assessment	
Final composition piece	

2 Ensemble Skills - Pop Music	
Duration	7 weeks
Aims	
- to improve performance skills in an ensemble	
- to develop an understanding of popular music	
Assessment	
Final ensemble performance	
·	

5 Instrumental Skills	
Duration	10 weeks
Aims	
- develop skills on a chosen instrument	
- increase confidence with music notation and performance	
Assessment	
Solo and ensemble performan	ce

Duration	5 weeks
Aims	
- to explore Samba music	
- to develop rhythmic confidence	<b>;</b>
Assessment	
Final ensemble performance	

## Music | YEAR 8

1 All Blues

Duration 8 weeks

Aims

- to explore blues music

- to develop blues performance skills

- to compose and perform blues music

Assessment

Final ensemble performance

4	Intro to DAWs	
Du	ration	6 weeks

#### **Aims**

- to explore how Digital Audio Workstations are used to create music
- to learn basic skills of using music technology

#### **Assessment**

Final EDM composition

2 Ensemble Skills - Popular Music

Duration 7 weeks

Aims

- to develop technical skills on chosen instrument

- to perform popular music as part of an ensemble

Assessment

Final ensemble performance

5 World Music Tour

Duration 6 weeks

Aims

- to explore different types of music from around the world

to develop listening, performance and composition skills

#### **Assessment**

Final ensemble performance

Duration 5 weeks

Aims

- to explore hand-drumming techniques

- to develop awareness of rhythm

Assessment

Final ensemble performance

## Music | YEAR 9

1 Film Music

Duration 8 weeks

Aims

- to explore how music is used in movies

- to use compositional techniques found in movie soundtracks

Assessment

Final composition

4 Reggae	
Duration	6 weeks
Aims	
- to explore conventions of Regg	jae music
- to develop ensemble performance and arrangement skills	
Assessment	

Final ensemble performance

2 Ground Bass

Duration 7 weeks

Aims

- to explore how ground bass is used in music

- to develop ensemble performance skills

Assessment

Final ensemble performance

5 Pop Song Composition

Duration 6 weeks

Aims

- to explore how popular music is composed

- to develop creativity and self-expression through composition

Assessment

Final composition

3 Minimalism in Music

Duration 5 weeks

Aims

- to explore conventions of 20th Century minimalist music

- to develop performance techniques

Assessment

Final composition



## lisual Arts

2 x 40 minute lessons/week



**Teacher** 

Mr Matthew McCobb mmccobb@standrews-schools.com



**Teacher** 

Mr. Jason Coe jcoe@standrews-schools.com



Teacher & Faculty Head

Mr. Michael Clayton mclayton@standrews-schools.com

## Visual Arts | YEAR 7



3 Landscape Drawing	
Duration	12 weeks
Aims	
What is perspective?	
Why is it important in visual ar	ţ\$
How can perspective change of an artwork?	e our understanding
Assessment	
Final portfolio and process ev	aluation

# Duration 12 weeks Aims - to develop skills in observational drawing, composition, proportion, & visual measurement - to develop an effective art journal detailing lessons Assessment Final portfolio and process evaluation

## Visual Arts | YEAR 8

#### 1 Nature & Impressionism

Duration 12 weeks

#### **Aims**

- to develop realistic and expressive drawings and paintings from direct observation of nature and environment
- to research and analyse Impressionism and its characteristics

#### **Assessment**

Final artwork pieces

#### 3 Art History and Sculpture

Duration 12 weeks

#### **Aims**

- to research primary historical art movements and corresponding artists
- to apply understanding to sustained project

#### **Assessment**

Final artwork pieces

#### 2 Printmaking

Duration 12 weeks

#### **Aims**

- to develop understanding of the elements of art: line, tone, shape/form, texture and colour
- to demonstrate practical knowledge of Monoprinting, Collography and Lino printing

#### **Assessment**

Final artwork pieces

## Visual Arts | YEAR 9

#### 1 Seashore

Duration 12 weeks

#### **Aims**

- to explore the theme of 'Seashore' through observation and experimentation
- to apply observation and experimental influence to a final piece of artwork

#### **Assessment**

Final artwork pieces

#### 4 Collaborative Art (Mural/

Duration 12 weeks

#### **Aims**

- to develop and explore contemporary art practices, social contexts, and corresponding relevant artists
- to collaborate with others to create a final artwork

#### **Assessment**

Final artwork pieces

#### 2 Pop Art Mania

Duration 12 weeks

#### **Aims**

- to explore the characteristics of the 'Pop Art' movement with reference to historical and cultural context
- to explore a range of materials and methods utilising wet and dry media

#### **Assessment**

Final artwork pieces



## English

5 x 40 minute lessons/week



### **Teacher**

Ms. Georgia Stares gstares@standrews-schools.com



### **Teacher**

Mr. Rob Brown rsbrown@standrews-schools.com



### **Teacher**

Mr. Ryan Jones rjones@standrews-schools.com



## Teacher & Faculty Head

Mr. Mark Owens mowens@standrews-schools.com

## English | YEAR 7

#### **1** Non-fiction Texts

Duration 6 weeks

#### **Aims**

- to read, analyse and write in a range of nonfiction forms
- to understand the purpose, audience for and context of the writing

#### **Assessment**

Analytical responses to non-fiction texts

#### 4 Drama

Duration 6 weeks

#### **Aims**

- to study a play and consider ways to perform it
- to study setting, plot, and characterisation in the dramatic form

#### **Assessment**

Written assessment, Analytical essay

#### 2 The Novel

Duration 6 weeks

#### Aims

- to read, enjoy and analyse a novel
- to explore the importance of character and issues in prose

#### **Assessment**

Creative writing, Analytical essay

#### 5 Literature in Context

Duration 6 weeks

#### **Aims**

- to study a range of texts from a time period or genre
- to analyse the importance of context to our understanding of literature

#### **Assessment**

Empathetic piece as a character from the text Analytical essay

#### 3 Poetry

Duration 6 weeks

#### **Aims**

- to experience a range of poetry and related social issues
- to recognise a range of poetic conventions and understanding how these have been used

#### Assessment

Analytical response, Analytical essay

#### **6** Media Literacy

Duration 6 weeks

#### **Aims**

- to learn how to study film/tv as a literary text
- to be able to write in these forms

#### **Assessment**

Creative response

## English | YEAR 8

#### **1** Non-fiction Texts

Duration 6 weeks

#### **Aims**

- to read, analyse and write in a range of non-fiction forms
- to understand covert and implicit meaning and bias

#### **Assessment**

Analytical responses to non-fiction texts Writing a non-fiction text

#### 2 The Novel

Duration 6 weeks

#### **Aims**

- to read, analyse and enjoy a novel
- to analyse setting, plot, characterisation and their effects

#### Assessment

Creative writing, Analytical essay

#### 4 Drama

Duration 6 weeks

#### **Aims**

- to study a play and understand how the language of the script is developed in performance
- to understand how alternative staging allows for different interpretations of a play

#### **Assessment**

Empathetic piece as a character from the text Analytical essay

#### 5 Literature in Context

Duration 6 weeks

#### **Aims**

- to study a range of texts from a time period or genre
- to be able to make critical comparisons across texts

#### **Assessment**

Empathetic piece as a character from the text Analytical essay

#### 3 Poetry

Duration 6 weeks

#### Aims

- to experience a range of poetry and related social issues
- to understand how figurative language and vocabulary choices affect meaning

#### **Assessment**

Analytical essay

#### **6** Media Literacy

Duration 6 weeks

#### Aims

- to study setting, plot and characterisation in film/tv
- to be able to write in these forms

#### **Assessment**

Analytical essay
Creating a script/ storyboard

## English | YEAR 9

#### **1** Non-fiction Texts

Duration 6 weeks

#### **Aims**

- to read, analyse and write in a range of nonfiction forms
- to understand how writers adapt to purpose, form and audience

#### **Assessment**

Analytical response to a non-fiction text

Writing a non-fiction text

#### 2 The Novel

Duration 6 weeks

#### Aims

- to read, analyse and enjoy a novel
- to analyse how the author conveys their message

#### Assessment

Empathetic piece as a character from the text Analytical essay

#### 3 Poetry

Duration 6 weeks

#### Aims

- to experience a range of poetry
- to analyse the use of poetic devices in the shaping of meaning and effect

#### **Assessment**

Analytical essay

#### 4 Drama

Duration 6 weeks

#### **Aims**

- to study a play and understand how the language of the script is developed in performance
- to analyse dramatic effect and audience reaction

#### **Assessment**

Empathetic piece as a character from the text Analytical essay

#### 5 Literature in Context

Duration 6 weeks

#### **Aims**

- to understand how social, political and economic context affects the production and reception of literary works
- to study a range of texts from a time period or genre

#### **Assessment**

Empathetic piece as a character from the text Analytical essay

#### **6** Media Literacy

Duration 6 weeks

#### **Aims**

- to understand how film/tv can be read as a literary text
- to explore the importance of representation in these forms

#### **Assessment**

Analytical essay, Creative response



## Geography

3 x 40 minute lessons/week



**Teacher** 

Mr. Mark Anderson manderson@standrews-schools.com



**Teacher** 

Mr. Rob Rowland rrowland@standrews-schools.com



**Faculty Head** 

Ms. Steph Howland showland@standrews-schools.com

## Geography | YEAR 7

#### 1 Welcome to Geography!

Duration 8 weeks

#### **Aims**

- to introduce the different types of geography
- to develop understanding of maps,
   coordinates, directions and grid references

#### **Assessment**

Written skills test assessment

#### **4** Puzzling Population

Duration 6 weeks

#### **Aims**

- to investigate the issue of migration
- to assess why people migrate, and the benefits and problems it may cause

#### **Assessment**

Final written project

#### 2 The Restless Earth

Duration 7 weeks

#### **Aims**

- to develop an understanding of the tectonic processes
- to analyse the impacts of disasters and the evaluate management strategies
- to explore real life examples of natural disasters

#### **Assessment**

Written assessment

#### 5 Complex Climate Change

Duration 11 weeks

#### **Aims**

- to investigate the global issue of climate change
- to analyse evidence and investigate the causes of climate change
- to evaluate the impacts and suggest solutions to the climate change

#### **Assessment**

Final group presentation

#### 3 Incredible India

Duration 5 weeks

#### **Aims**

- to investigate the different cultures and religions within the country of India
- to analyse the physical geography and the large variations in climate throughout the country

#### **Assessment**

Infographic on India

## Geography | YEAR 8

#### 1 Development

**Duration** 8 weeks

#### **Aims**

 to understand what development is, how it is measured and why it differs between places

#### **Assessment**

Final written essay

#### 3 Extreme Weather

Duration 11 weeks

#### **Aims**

 to explore how humans are impacted by extreme weather events and how these impacts can be mitigated

#### **Assessment**

Exam-style questions

#### 2 Coasts

Duration 8 weeks

#### **Aims**

- to explore coastline landforms, their formation and how humans impact them

#### **Assessment**

Exam-style questions

#### 4 Pole to Pole (Biomes)

Duration 9 weeks

#### **Aims**

 to understand the features of different biomes and how plants and animals are adapted to these conditions

#### **Assessment**

Individual research project

## Geography | YEAR 9

#### 1 What's in your Shopping Trolley?

Duration 6 weeks

#### Aims

- to investigate how we use natural resources
- to analyse global problems
- to investigate the pros and cons of battery farming

#### **Assessment**

Extended written analysis

#### 4 Global issues (SDGs and Plastic)

Duration 10 weeks

#### **Aims**

- to understand issues from local, national and global perspectives
- to investigate a chosen global issue
- to create awareness for a global issue

#### **Assessment**

Awareness campaign assessment

#### 2 Amazing Africa

Duration 9 weeks

#### **Aims**

- to explore perceptions of Africa
- to investigate the physical geography of Africa
- to analyse the impacts of tourism

#### **Assessment**

Journal article assessment

#### **5** Rivers

Duration 4 weeks

#### **Aims**

- to know the parts of a river
- to know the processes that happen in rivers
- to know how river landforms are created

#### **Assessment**

Exam-style assessment

#### 3 Conflict

Duration 7 weeks

#### **Aims**

- to examine the causes of conflict
- to suggest solutions to conflicts in various contexts

#### **Assessment**

Exam question



## History

3 x 40 minute lessons/week



**Teacher** 

Mr. Denzil Ewart dewart@standrews-schools.com



**Teacher** 

Ms. Ann McClean amcclean@standrews-schools.com



**Faculty Head** 

Ms. Steph Howland showland@standrews-schools.com

## History | YEAR 7

#### 1 How do we learn about history?

Duration 5 weeks

#### **Aims**

- to develop historical skills such as using sources and understanding chronology
- to develop awareness of how civilisations developed in Thailand & Africa

#### **Assessment**

Short test and written essay

#### 3 England during the Middle Ages

Duration 10 weeks

#### **Aims**

- to understand how England changed under Norman rule
- to explore the impact of Norman rule on upper, middle and lower classes, in towns and villages

#### **Assessment**

Final essay

#### 2 Why do historians disagree?

Duration 8 weeks

#### **Aims**

- to study both Vikings and Mongols; were they really cruel and savage or were they saviors?
- to understand why historians reach different conclusions about people and events in the past.

#### **Assessment**

Final test and essay

Why did people travel to different places in the Middle Ages?

Duration 6 weeks

#### **Aims**

- to understand the causes and consequences of historical events.
- to develop a broader understanding of the connections between Europe, Asia, Africa and America during the Middle Ages.

#### **Assessment**

End of year skills test

## History | YEAR 8

Why did Britain and China go to War in 1839?

Duration 8 weeks

#### **Aims**

 to understand what development is, how it is measured and why it differs between places

#### **Assessment**

Final test and essay

3 Changing Societies

Duration 10 weeks

#### **Aims**

- to understand the impact of King Chulalongkorn on Thailand and his subsequent legacy
- to explore what life was like for the peoples of America by 1900

#### **Assessment**

Final essay and written test

What can we learn about the British Slave Trade from historical sources?

Duration 8 weeks

#### **Aims**

- to understand the origins of slavery and the experience of slaves
- to analyse and assess different types of historical sources

#### **Assessment**

Source analysis questions

Were people really happy in Victorian England?

Duration 10 weeks

#### **Aims**

- to explore the Industrial Revolution in Britain
- to assess the impact of the Industrial Revolution on England's population

#### **Assessment**

End of year assessment

## History | YEAR 9

1 How did people fight for their rights in the 20th Century?

Duration 11 weeks

#### **Aims**

- to explore the fight for rights of British women (Suffragettes), Black South Africans(Apartheid), Black Americans (Civil Rights Movement) and Chinese people (Tiananmen Square)
- to make a comparative analysis of the reasons for the success and failures of different movements

#### **Assessment**

Essay and source analysis test

### 3 What impact did World War 2 have on Asia?

Duration 7 weeks

#### **Aims**

- to explore the experiences of Asian people during World War 2
- to gain an appreciation for the cost of the war in Thailand, China and Japan

#### **Assessment**

Final test and essay

#### 2 Was the Holocaust inevitable?

Duration 8 weeks

#### **Aims**

- to understand the atrocities of the Holocaust
- to explore and assess the circumstances surrounding the Holocaust

#### Assessment

Final test and written essay

4 Was the 20th Century a period of progress?

Duration 10 weeks

#### **Aims**

- to explore key events of the 20th Century,
- to focus on particular Leaders, Conflicts, Technology and Civil Rights

#### **Assessment**

Final end of year assessment



## French

2 x 40 minute lessons/week



**Teacher** 

Mr. Joe Mellors jmellors@standrews-schools.com



## Teacher & Faculty Head

Ms. Ariane Antoine aantoine@standrews-schools.com

## French | YEAR 7

1 Ma Personnalite et Ce que J'aime (My Personality and What I Like)

Duration 8 weeks

#### **Aims**

- I can describe myself and talk about my personality
- I can use masculine and feminine adjectives accurately
- I can talk about what I like and dislike

#### **Assessment**

Reading and writing assessment

#### 2 Le College (School)

Duration 7 weeks

#### **Aims**

- I can give opinions about different school subjects
- I can describe my school
- I can use simple present tense verbs, er and comparatives sentences

#### **Assessment**

Listening and speaking assessment

#### 3 Le sport (Sport)

Duration 5 weeks

#### Aims

- I can talk about different sports I (dis)like giving reasons
- I can use irregular verbs je fais du (I do) je joue au (I play)
- I can use opinion + infinitive, negatives

#### **Assessment**

Speaking and writing assessments

### 4 Les passetemps et Internet (Free time and Internet)

Duration 6 weeks

#### **Aims**

- I can recognise a phrases describing what I do on my phone and computer
- I can ask and answer simple questions
- I can use simple future tense phrases

#### **Assessment**

Writing and reading test

#### 5 La ou j'habite (Where I live)

Duration 10 weeks

#### **Aims**

- I can describe my town
- I can talk about what there is and isn't in my town
- I can say where I go and what I can do

#### **Assessment**

Reading and speaking tests

## French | YEAR 8

#### 1 La tete et le film (TV and Film)

Duration 8 weeks

#### **Aims**

- I can discuss and give opinions on TV programmes
- I can use a range of verbs and negatives to talk about my TV watching habits

#### **Assessment**

Reading and writing assessment

#### 4 Ce que je mange (What I Eat)

Duration 6 weeks

#### **Aims**

- I can name a range of foods
- I can use a wide range of opinions, adjectives and intensifiers
- I can use the partitive article and quantifiers

#### **Assessment**

Writing and speaking test

## 2 Invitations et Sortir en ville (Invitations & Going out)

Duration 7 weeks

#### **Aims**

- I can invite someone to go out somewhere
- I can understand a range of excuses in French

#### **Assessment**

Listening and speaking role play

#### 5 Les vacances (Holidays)

Duration 10 weeks

#### **Aims**

- I can talk and write about holidays
- I can write accurate and well-developed opinion phrases
- I can use the present, future and past tense with a range of verbs

#### **Assessment**

Spoken presentation and written test

#### 3 Le week-end dernier (Last Weekend)

Duration 5 weeks

#### **Aims**

- I can use the past tense with regular and irregular verbs
- I can ask for and give simple information about what I did in the past
- I can use sequencers to structure my ideas

#### **Assessment**

Writing and listening test

## French | YEAR 9

#### 1 La sante (Health)

Duration 8 weeks

#### Aims

- I can understand simple information related to eating
- I can write sentences in the imperative giving health advice
- I can use modal verbs(on doit / il faut / je devrais)

#### **Assessment**

Reading and writing project

## L'argent de poche et le shopping (Pocket money & shopping)

Duration 6 weeks

#### **Aims**

- I can discuss pocket money with confidence
- I can say how I spend or save my money

#### **Assessment**

Written test

#### 2 Le tourisme (Tourism)

Duration 7 weeks

#### **Aims**

- I can talk about the purpose of holidays
- I can talk confidently about the weather and dates
- I can book a room for a holiday and ask relevant questions

#### **Assessment**

Final spoken presentation

## 5 Ton environment local (Your local environment)

Duration 10 weeks

#### **Aims**

- I can talk about where I live and the impact of tourism
- I can describe local problems and solutions
- I can use a range of adjectives accurately in sentences

#### **Assessment**

Speaking presentation and written test

## Moi et mes proches (Me and my family/friends)

Duration 5 weeks

#### **Aims**

- I can talk about my family/friends using accurate pronouns
- I can write detailed descriptions of my family members' personalities
- I can understand people talking about their family

#### **Assessment**

Final written task and speaking project



## Mandarin

2 x 40 minute lessons/week



**Teacher** 

Mr. Bo Zhong bzhong@standrews-schools.com



**Teacher** 

Ms. Jina Zhang jzhang@standrews-schools.com



**Faculty Head** 

Ms. Ariane Antoine aantoine@standrews-schools.com

## Mandarin | YEAR 7

#### 1 Consonant & Basic Writing

Duration 4 weeks

#### **Aims**

- understand & use Mandarin Pinyin (consonants)
- understand the basic strokes of Chinese writing
- to develop understanding of Chinese radicals

#### **Assessment**

Written exam - Reading test of Pinyin

#### 4 The Calendar - Days and Dates

Duration 4 weeks

#### **Aims**

- understand and read the Chinese calendar
- translate dates from Chinese to English or English to Chinese

#### **Assessment**

Final written and spoken exam

#### 2 Vowels & Numbers

Duration 4 weeks

#### Aims

- understand & be able to read Chinese vowels
- to be able to recognise & use Chinese numbers

#### **Assessment**

Reading and writing test of vowels and numbers

#### 5 Age

Duration 4 weeks

#### **Aims**

- tell and exchange information about age
- describe their own birth information

#### **Assessment**

Spoken and written translation test

#### 3 Greetings

Duration 5 weeks

#### Aims

- to greet people and ask names in Chinese
- to read and write sentences about greetings

#### **Assessment**

Written test and spoken role play

#### **6** Telephone Numbers

Duration 4 weeks

#### Aims

- identify and name major global cities
- to be able to use Chinese numbers

#### **Assessment**

Spoken and written test

# Mandarin | YEAR 7

7 Family Members

4 weeks

# **Aims**

**Duration** 

- to be able to describe one's family members
- to be able to talk about where they live

## **Assessment**

Final written and spoken test

9 Occupations

Duration 5 weeks

# **Aims**

- to be able to discuss a person's occupation

# **Assessment**

Final written and spoken test

8 Self Introduction

Duration 4 weeks

# **Aims**

- to be able to introduce oneself using verbs, nouns, and adjectives
- able to understand and use question words
- use pronouns correctly in a sentence

# **Assessment**

Final presentation and translation test Translation. Reading and writing test.

# Mandarin | YEAR 8

# 1 Time

Duration 4 weeks

#### **Aims**

- to be able to tell the time in Mandarin characters
- to be able to ask and answer questions about time

# **Assessment**

Spoken and written test

# Daily Routine

Duration 5 weeks

# Aims

- to understand 12-hour system in Chinese (AM, PM)
- to be able to describe one's daily routine activities

# **Assessment**

Spoken and written test

# 3 Transport

Duration 5 weeks

# Aims

- to be able to discuss common colours in Mandarin
- to be able to share opinions on colours

# **Assessment**

Spoken and written test

# Clothing

Duration 6 weeks

# **Aims**

- to be able to discuss day to day clothing in Mandarin
- to be able to use colours to describe one's clothing

# **Assessment**

Spoken and written test

# 5 Body parts

Duration 8 weeks

#### **Aims**

- to be able to talk about body parts in Mandarin
- to be able to describe one's physical appearance

# **Assessment**

Listening and reading

# 6 Hobbies - Sports

Duration 3 weeks

# **Aims**

- to be able to talk about sport
- to be able to ask and answer questions relating to sport

# **Assessment**

Speaking, reading, writing and listening test

# **7** Countries & Language

Duration 8 weeks

# **Aims**

- to talk about countries' names and the languages used in those countries
- to be able to talk about one's home country and the language they use

# **Assessment**

Spoken and written test

# Mandarin | YEAR 9

# 1 School

Duration 9 weeks

#### **Aims**

- to be able to talk about different continents, country's names, and subject names
- to be able to talk about different languages

## **Assessment**

Listening and reading test

# 9 Weather

Duration 7 weeks

# **Aims**

- to be able to talk about different types of weather
- to be able to talk about activities and clothing related to weather

# **Assessment**

Speaking and writing test

# Nature

Duration 5 weeks

# **Aims**

- to be able to discuss different seasons in different countries
- to be able to describe the weather in different seasons

# **Assessment**

Listening and reading test

# **4** Illness

Duration 5 weeks

# **Aims**

- to be able to read and write about symptoms of illness
- to be able to explain the reasons behind sickness

# **Assessment**

Speaking and writing test

# 5 Hobbies - Music

Duration 3 weeks

#### **Aims**

- to be able to talk about music
- to be able to ask and answer questions relating to music

# **Assessment**

Listening and reading

# 6 Hobbies - Sports

Duration 3 weeks

## **Aims**

- to be able to talk about sport
- to be able to ask and answer questions relating to sport

# **Assessment**

Speaking and writing

# 7 Hobbies - Dance

Duration 4 weeks

# **Aims**

- to be able to talk about dance
- to be able to ask and answer questions about dance

# **Assessment**

Speaking, writing and listening test



# Gpanish

2 x 40 minute lessons/week



**Teacher** 

Mr. Joe Mellors jmellors@standrews-schools.com



**Faculty Head** 

Ms. Ariane Antoine aantoine@standrews-schools.com

# Spanish | YEAR 7

1 Mi Vida (My Life)

Duration 8 weeks

# **Aims**

- I can introduce myself and talk about my personality
- I can use the verb tener (to have) in full sentences
- I can talk about my birthday, pets and family

# **Assessment**

Writing a text for a time capsule

# Mi Tiempo Libre (My Free Time)

Duration 7 weeks

# **Aims**

- I can describe what I (dis)like to do and why
- I can talk about different sports
- I can use regular present tense are verbs, as well as hacer (to do) and jugar (to play)

# **Assessment**

Interview-style speaking assessment

# 3 Mi Insti (My School)

Duration 5 weeks

# **Aims**

- I can give opinions about different school subjects
- I can describe my school
- I can use -er and -ir verbs in the present tense

# **Assessment**

Written letter to pen pal

4 Mi Familia y Mis Amigos (My Family and Friends)

Duration 6 weeks

#### **Aims**

- I can describe my family using possessive adjectives (my, your, his her)
- I can describe other people's hair and eyes
- I can describe my house or flat

## **Assessment**

Speaking test, paired role play

# 5 Mi Ciudad (My City)

Duration 10 weeks

# **Aims**

- I can describe Bangkok
- I can order food in a cafe
- I can use the future tense

# **Assessment**

End of year assessment: speaking, listening, writing and reading



# Thai First Laguage

2 x 40 minute lessons/week



# **Teacher**

Mr. Must Banyen sbanyen@standrews-schools.com



# **Teacher**

Mrs. Pathra Morakot pathra@standrews-schools.com



**Teacher** 

Ms. Rati Ngamklinsukhon ratin@standrews-schools.com



# **Faculty Head**

Ms. Ariane Antoine aantoine@standrews-schools.com

# Thai First Language | YEAR 7

1 Novel Krut Noi (The Little Garada)

Duration 16 weeks

# **Aims**

- to explore basic elements of literature
- to develop reading comprehension and interpretation skills
- to explore creative writing

# **Assessment**

Speaking and listening test

3 Language and Media

Duration 9 weeks

# **Aims**

- to explore language used in media, slang and jargon
- to be able to make basic arguments

# **Assessment**

Final test

# 2 Thai History

Duration 11 weeks

# **Aims**

- to explore the Sukhothai period and classical literature from Sukhothai period
- to explore the origin of Thai ancient alphabets and Himmapan creatures
- to develop writing skills

# **Assessment**

End of scheme

# Thai First Language | YEAR 8

Duration

16 weeks

Aims

- to explore basic elements of literature

- to develop reading comprehension and interpretation skills

- to explore creative writing

Assessment

Final test

3 Language and Media	
Duration	10 weeks
Aims	
- to use persuasive language in advertisement	
- to develop skills of writing for sp	ecific purposes
Assessment	
Final test	

Duration

10 weeks

Aims

- to develop understanding of Ayutthaya period

- to explore the poem "Klong see supap"

- to develop expository, narrative, and descriptive writing

Assessment

Final Test

# Thai First Language | YEAR 9

# 1 Book Translation Duration 16 weeks Aims - to explore two different pieces of literature - to develop reading comprehension Assessment Final test

# Duration 10 weeks Aims - to explore the Rattanakosin period of Thai history - to read and understand the poem "Klohn-Supap" - to develop basic knowledge about Pali-Sanskrit in Thai language Assessment Final Test

Duration	10 weeks
Aims	
- to explore the languag	ge used in magazines
- to develop skills in writi columns	ng and editing magazin
Assessment	
Final project	



# Thai MFL

2 x 40 minute lessons/week



**Teacher** 

Mr. Must Banyen sbanyen@standrews-schools.com



**Teacher** 

Mrs. Pathra Morakot pathra@standrews-schools.com



**Teacher** 

Ms. Rati Ngamklinsukhon ratin@standrews-schools.com



**Faculty Head** 

Ms. Ariane Antoine aantoine@standrews-schools.com

# Thai MFL | YEAR 7

1 Thai Food, Drinks and Groceries

Duration 10 weeks

# **Aims**

- I can name and describe Thai food and drinks
- I can make simple requests and give opinions

# **Assessment**

Speaking and listening test

Thai cultures:
Songkran and Thai society

Duration 3 weeks

#### **Aims**

- I can understand concepts of Songkran and basic Thai laws

# **Assessment**

Final written project and speaking test

2 Thai Culture and History

Duration 6 weeks

# Aims

- I can understand core details of Thai history and cultures

# **Assessment**

Project and written assessment

5 Regions, Provinces and Places

Duration 5 weeks

# **Aims**

- I can understand and identify important locations in Thailand

# **Assessment**

Final written project and test

3 Everyday Life

Duration 8 weeks

# **Aims**

- I can understand the meaning of public signs
- I can perform and respond to simple questions

# **Assessment**

Speaking test

6 Geography of Thailand and ASEAN countries

Duration 5 weeks

# Aims

 I can understand geography and diversity of Thailand and ASEAN

# **Assessment**

Final project and written test

# Thai MFL | YEAR 8

# 1 Families and Houses

Duration 10 weeks

# **Aims**

- I can understand concepts and relationships of family and traditional Thai house

# **Assessment**

Speaking test and project

# 4 Songkran & the Ayutthaya period

Duration 3 weeks

## **Aims**

- I can understand traditional Thai New Year and the main events in the Ayutthaya period

# **Assessment**

project and written assessment

# Thai cultures: Wai Kru, Loy Krathong and Thai architecture

Duration 6 weeks

# **Aims**

- I can understand Thai culture and the Thai way of life

# **Assessment**

Final project and presentation

# 5 Daily Routines

Duration 6 weeks

# **Aims**

 I can ask and answer questions about my daily routine

# **Assessment**

Speaking test

# 3 Travelling & Transportation

Duration 8 weeks

# **Aims**

- I can use essential verbs to communicate and participate in simple conversations about travel

# **Assessment**

Speaking and listening test

# 6 Sabaii Sabaii - Thai Way of Life

Duration 3 weeks

# **Aims**

- I can identify and understand elements of Thai culture

# **Assessment**

Practical Thai crafting

# Thai MFL | YEAR 9

1 Thai Holidays and Events

Duration 12 weeks

# **Aims**

- I can use vocabulary relating to holidays and festivals

# **Assessment**

Speaking test

4 Songkran and Thai Ethnic Groups

Duration 4 weeks

## **Aims**

- I can understand the diversity in Thailand
- I can identify the traditional clothing for different Thai ethnic groups

## **Assessment**

Final project and written test

2 Thai culture: Wai Kru & Loy Krathong

Duration 4 weeks

# **Aims**

 I can understand and appreciate important events in Thai culture

# **Assessment**

Final project

5 Jobs, Health and Sickness

Duration 5 weeks

# **Aims**

- I can discuss health and sickness using simple phrases
- I can talk about occupations

# **Assessment**

Speaking test

3 Weather, Seasons and Clothing

Duration 7 weeks

# **Aims**

- I can describe weather and seasons, using proper sentence structure
- I can discuss basic clothing details relating to weather and seasons

# **Assessment**

Final speaking test

6 Thai public utility, Thailand WWII and Rattanakorin period

Duration 4 weeks

# **Aims**

- I can understand history in the Rattakosin periods
- I can identify and explain significant events and the role of Thailand in WWII

# **Assessment**

Final project and written test



# Mathematics

5 x 40 minute lessons/week



**Teacher** 

Ms. Bobbie-Lea Baker bbaker@standrews-schools.com



**Teacher** 

Ms. Tracy Smith tsmith@standrews-schools.com



Teacher & Faculty Head

Mr. Daniel Smith dsmith@standrews-schools.com

# Maths | YEAR 7

Final test

1 Number

Duration 6 weeks

Aims

- I can work with whole numbers, measuring, coordinates and solving

Assessment

Duration 5 weeks

Aims
- I can understand and apply angle facts and sequences

Assessment

Final test

Duration 8 weeks

Aims

- I can use a census, folding and turning shapes, and negative numbers

Assessment

Final Test

Duration

10 weeks

Aims

- I can apply my understanding of probability, accuracy, area and perimeter

Assessment

End of topic and end of year tests

Duration 6 weeks

Aims
- I can generalise using letters to signify values

Assessment
End of topic test

# Maths | YEAR 8

# 1 Calculation

Duration 9 weeks

# **Aims**

- I can understand calculations, sequences and properties of shapes

# **Assessment**

End of topic assessment

# **3** Proportions

Duration 8 weeks

# **Aims**

- I can understand proportions, transformations and indices

# **Assessment**

End of topic assessment

# 2 Algebra

Duration 9 weeks

# **Aims**

- I can use measures and probability
- I can manipulate algebra

# **Assessment**

End of topic assessment

# 4 Sequences

Duration 10 weeks

# **Aims**

 I can understand sequences, equations, surveys, 2-dimensions and percentages

# **Assessment**

End of topic test, End of year summative assessment

# Maths | YEAR 9

Duration 9 weeks

Aims

- I can use graphs and surveys

- I can use various methods to measure shapes

Assessment

End of topic assessment

3 Sequences and graphs

Duration 8 weeks

Aims

- I can use sequences, graphs and dimensions

Assessment

End of topic assessment

Duration 9 weeks

Aims
- I understand and can use powers and surveys

Assessment
End of topic assessment

Aims

- I can understand and use functions and equations, constructions, ratio and proportion

Assessment

End of topic assessment, Summative end of year assessment

**Functions** 



St. Andrews International School

# Physical Laucation And Laucation A

2 x 40 minute lessons/week



# **Teacher**

Mr. Allan Webb awebb@standrews-schools.com



# **Teacher**

Ms. Hanna Tjernberg htjernberg@standrews-schools.com



# **Teacher**

Mr. Simon Merrill smerrill@standrews-schools.com



# **Teacher**

Mr. Panu Siriboon psiriboon@standrews-schools.com



# **Teacher**

Mr. Paisan Buranavit pburanavit@standrews-schools.com



# **Teacher Faculty Head**

Mr. Chris Jepsen

# PE | YEAR 7

1 Invasion Games

Duration 6 weeks

# **Aims**

- to develop basic skill techniques in the chosen invasion game
- to develop basic attack and defense strategies in the chosen invasion game

## **Assessment**

Final practical assessment

4 Swimming

Duration 9 weeks

# **Aims**

- to develop effective stroke technique over 50m with a focus on kicking
- to develop technique of turns for each stroke

## **Assessment**

Final practical assessment

2 Net Games

Duration 6 weeks

# **Aims**

- to develop basic skill technique within the chosen net game
- to develop knowledge of basic rules and scoring within the chosen net game

# **Assessment**

Final practical assessment

5 Gymnastics

Duration 9 weeks

# **Aims**

- to develop travel and balance movements
- to link balance and travel movements together

# **Assessment**

Final practical assessment

3 Striking and Fielding Games

Duration 6 weeks

# **Aims**

- to develop basic skill techniques within the chosen striking and fielding game
- to apply basic techniques within game situations

# **Assessment**

Final practical assessment

# PE | YEAR 8

# **1** Invasion Games

Duration 6 weeks

## **Aims**

- to apply basic skills under pressure within the chosen invasion game
- to apply attack and defence strategies in a game situation within the chosen invasion game

# **Assessment**

Final practical assessment

# 4 Swimming

Duration 6 weeks

# **Aims**

- to develop race stroke technique in all strokes
- to develop diving technique from the starting blocks
- to develop start and finish technique in all strokes

# **Assessment**

Final practical assessment

# 2 Net Games

Duration 6 weeks

# **Aims**

- to apply basic skills into game situations within the chosen net game
- to develop tactical awareness within the chosen net game

# **Assessment**

Final practical assessment

# 5 Gymnastics

Duration 6 weeks

# **Aims**

- to develop flight movements such as jumps and vaulting
- to create a routine using all flight movements

# **Assessment**

Final practical assessment

# 3 Striking and Fielding Games

Duration 6 weeks

# **Aims**

- to vary techniques depending on game situations
- to develop tactical awareness within the chosen striking and fielding game

# **Assessment**

Final practical assessment

# PE | YEAR 9

# 1 Invasion Games

Duration 6 weeks

# **Aims**

- to explore advance and alternative skill techniques within the chosen invasion game
- to explore advanced and alternative attack and defence strategies within the chosen invasion game

# **Assessment**

Final practical assessment

# 4 Swimming

Duration 9 weeks

# **Aims**

- to understand basic lifesaving skill techniques
- to apply lifesaving skill techniques into different life scenarios

# **Assessment**

Final practical assessment

# 2 Net Games

Duration 6 weeks

# **Aims**

- to develop advanced and alternative skill techniques within the chosen net game
- to apply advanced techniques within game situations

# **Assessment**

Final practical assessment

# 5 Gymnastics

Duration 9 weeks

# **Aims**

- to learn basic Parkour techniques
- to apply Parkour techniques within a chosen course

# **Assessment**

Final practical assessment

# 3 Striking and Fielding Games

Duration 6 weeks

# Aims

- to develop techniques, focusing on accuracy and power within the chosen striking and fielding game
- to adapt team strategy depending on specific game situations

# **Assessment**

Final practical assessment



# Computing

2 x 40 minute lessons/week



**Teacher** 

Mr. Abid Khan akhan@standrews-schools.com



**Faculty Head** 

Mr. Alan Forster aforster@standrews-schools.com

# 1 Baseline Tests – 2 Weeks

Duration 2 weeks

## **Aims**

- testing the students knowledge and preparing them for life in secondary with the technology that they will need.

# **Assessment**

Test

# 4 Representing Data

Duration 5 weeks

# **Aims**

 understand how data of various types (including text, sounds and pictures) can be represented and manipulated digitally, in the form of binary digits

# **Assessment**

Test

# 2 E-safety

Duration 8 weeks

# **Aims**

 understand a range of ways to use technology safely, respectfully, responsibly and securely, including protecting their online identity and privacy; recognise inappropriate content, contact and conduct, and know how to report concerns

# **Assessment**

Test

# 5 Scratch

Duration 6 weeks

# **Aims**

 use and practice a block based programming language, to solve a variety of computational problems.

# **Assessment**

Assessed Project

# 3 Computational Thinking

Duration 4 weeks

# **Aims**

- understand computational thinking, know that decomposition is the first stage of computational thinking, understand what pattern recognition is
- Understand what abstraction is, understand the term 'algorithm', be able to write an algorithm to solve a simple problem

# **Assessment**

Test

# **6** Future Technology

Duration 3 weeks

# **Aims**

 Understanding how the world is progressing around us in terms of technology, Preparing for new technologies and how to adapt them and that they must prepare to adapt

# **Assessment**

Assessed Presentation

# 7 Graphic Design

Duration 4 weeks

# **Aims**

- Introduction to image manipulation, understanding the design process, creating a logo, using suitable software.

# **Assessment**

Assessed Project

# 8 App Design

Duration 4 weeks

# **Aims**

 - Undertake a creative project using APPSHED, combining multiple applications, preferably across a range of devices, to achieve challenging goals. Understand the stages of designing & building an app that will help the community.

# **Assessment**

Assessed Project

# 1 Scratch Advance

Duration 6 weeks

#### Aims

- to explore block programming language
- to solve a variety of computational problems
- to understand concepts of sequence, selection and iteration

# **Assessment**

Assessed Project

# 2 Computational Thinking

Duration 4 weeks

## **Aims**

- to understand computational thinking
- to explore pattern recognition and abstraction
- to be able to write an algorithm to solve a simple problem

# **Assessment**

Assessed Project

# 4 Logo Sequencing

Duration 5 weeks

#### **Aims**

- to be able to break a task down into its component steps
- to be able to correctly sequence these steps in a task
- to assess the efficiency of their instructions and write procedures where appropriate

# **Assessment**

Assessed Project

# 5 Flow Charts

Duration 6 weeks

# **Aims**

- to understand what a flowchart is
- to explore the practical uses of a flowchart
- to be able to convert an algorithm into a flowchart

# **Assessment**

Assessed Project

# 3 Pseudocode

Duration 3 weeks

# **Aims**

- to understand what pseudocode means and why it is used
- to be able to write appropriate pseudocode to solve a problem

# **Assessment**

Assessed Project

# Python on Microbit

Duration 7 weeks

# **Aims**

- to recognize that block programming has underlying text based code
- to practice Python programming syntax, use variables, conditions and iteration

# **Assessment**

Assessed Project

# **1** Python Programming

Duration 6 weeks

#### **Aims**

- to use textual programming language to solve a variety of computational problems
- to understand and use variables, sequencing, selection and iteration
- to make appropriate use of data structures

## **Assessment**

Test

# 4 Computer Systems Advance

Duration 6 weeks

#### Aims

- to distinguish between hardware and software
- understand the basic process of a computer & the difference between memory & storage
- to show how numbers and text can be represented in binary

# **Assessment**

Test

# 2 PhotoShop - Digital images

Duration 6 weeks

# **Aims**

- to create, reuse, revise and repurpose digital artefacts for a given audience
- to explore issues of trustworthiness, design and usability

# **Assessment**

Test & assessed work

# 5 Networks

Duration 6 weeks

# **Aims**

- to identify and understand different types of networks
- to explore how data is transmitted via packets
- to be able to build a network diagram for a given scenario

# **Assessment**

Test

# 3 HTML - Websites

Duration 6 weeks

# Aims

- to create a simple webpage by writing basic HTML code
- to understand why layout and presentation is important
- to insert images and create hyperlinks and use style effectively in web page design

# **Assessment**

Test & assessed work

# 6 App Development

Duration 6 weeks

# **Aims**

- undertake creative projects that involve selecting, using, & combining multiple applications
- understand the stages of design and system life cycle
- to develop effective use of block programming

# **Assessment**

Test



# Ccience

4 x 40 minute lessons/week



**Teacher** 

Mr. Jake Elliott jelliott@standrews-schools.com



**Teacher** 

Mr. Luke Finlayson Ifinlayson@standrews-schools.com



Teacher & Faculty Head

Mr. Alan Forster aforster@standrews-schools.com

# Science | YEAR 7



Duration 5 weeks

#### Aims

- to understand safety in the science lab
- to explore acids and alkalis
- to perform simple chemical reactions

## **Assessment**

Final practical and written assessment

# 4 Body Systems

Duration 6 weeks

#### **Aims**

- to explore the major body systems in the human body
- to understand the digestive system, nutrition and the cardiovascular system

# **Assessment**

Final assessed practical work

# 2 Particles and Mixtures

Duration 6 weeks

# **Aims**

- to develop understanding of particle theory of matter
- to explore the properties of solids, liquids and gases and how to separate mixtures experimentally

# **Assessment**

Final research task

# 5 Forces and Motion

Duration 6 weeks

#### **Aims**

- to explore forces and how they change the way objects move
- to be able to track the motion of objects through time and space

# **Assessment**

Final practical experiments

# 3 Cells and Reproduction

Duration 6 weeks

# **Aims**

- to explore the basic building blocks of life
- to understand the similarities and differences of plant and animal cells
- to explore reproduction and growth in humans

# **Assessment**

Students create model of plant/animal cells

# 6 Gravity and Space

Duration 7 weeks

# **Aims**

- to explore the movement of the Earth in space
- to investigate how gravity works

# **Assessment**

Final research project

# Science | YEAR 8

# 1 Animals and Interdependence

Duration 5 weeks

#### **Aims**

- to understand the classification of animals into different types, habitats and adaptations

#### **Assessment**

Final written project

# 4 Energy and Matter

Duration 5 weeks

#### **Aims**

- to explore changes of state and how matter behaves when we heat and cool it
- to understand transfers of heat energy by conduction, convection and radiation

# **Assessment**

Investigation into Carbon footprint

# 2 Plants and Photosynthesis

Duration 6 weeks

# **Aims**

- to understand the classification of plants and plant habitats
- to explore how plants make their own food and reproduce
- to carry out field work to analyze populations

# **Assessment**

Real life investigation into chosen ecosystem

# 5 Elements and Compounds

Duration 8 weeks

# **Aims**

- to explore the periodic table of elements, classifying materials as metals and non-metals
- to understand the atom and its internal structure
- to be explore forming compounds and the difference between compounds and mixtures

# **Assessment**

Final written assessment

# 3 Electricity and Magnetism

Duration 6 weeks

# Aims

- to explore electricity as a useful form of energy
- to understand how circuits work and how we can measure voltage and current
- to assess magnetism and electromagnetism and the various technologies that use them

# Assessment

Practical assessment

# 6 Metals and Reactivity

Duration 6 weeks

# **Aims**

- to understand the properties of metals, alloys and metal compounds
- to explore the reactions of metals and metal compounds

# **Assessment**

Written assessment using periodic table

# Science | YEAR 9

# 1 Forces and Materials

Duration 3 weeks

## Aims

- to investigate how forces affect the shape of materials
- to use graphs to represent these changes to shape

# **Assessment**

Final test

# 2 Sound and Light

Duration 5 weeks

# **Aims**

- to develop understanding of sound and light waves
- to investigate how things work that use waves

# **Assessment**

Music Festival task and Waves In Action research

# 3 Rates and Energy

Duration 5 weeks

# Aims

- to explore factors affecting the rate of a reaction
- to understand how can we measure the energy changes associated with chemical reactions

# **Assessment**

Practical lab experiment

# 4 Using Chemistry

Duration 4 weeks

#### **Aims**

- to explore applications of chemistry
- to understand basic geology, fermentation and crime scene investigation

# **Assessment**

Crime scene investigation assessment, lab practical work

# Inheritance and Disease

Duration 6 weeks

## **Aims**

- to explore infectious and inherited diseases and how they can be treated
- to investigate modern medicine

# Assessment

Fit For Space reflection S Factor investigation

# 6 Fit and Healthy

Duration 7 weeks

# **Aims**

- to explore lifestyle diseases
- to investigate how we can stay fit

# **Assessment**

Fit For Space reflection

S Factor investigation

# 7 Environmental Systems

Duration 6 weeks

# **Aims**

- to investigate factors affecting the environment and how we can solve global problems
- to investigate alternative energy solutions

# Assessment

Dystopian Future & Power To The People Reflection





St. Andrews International School **Sukhumvit 107**  Proud to be part of the St. Andrews Cognita School Group

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