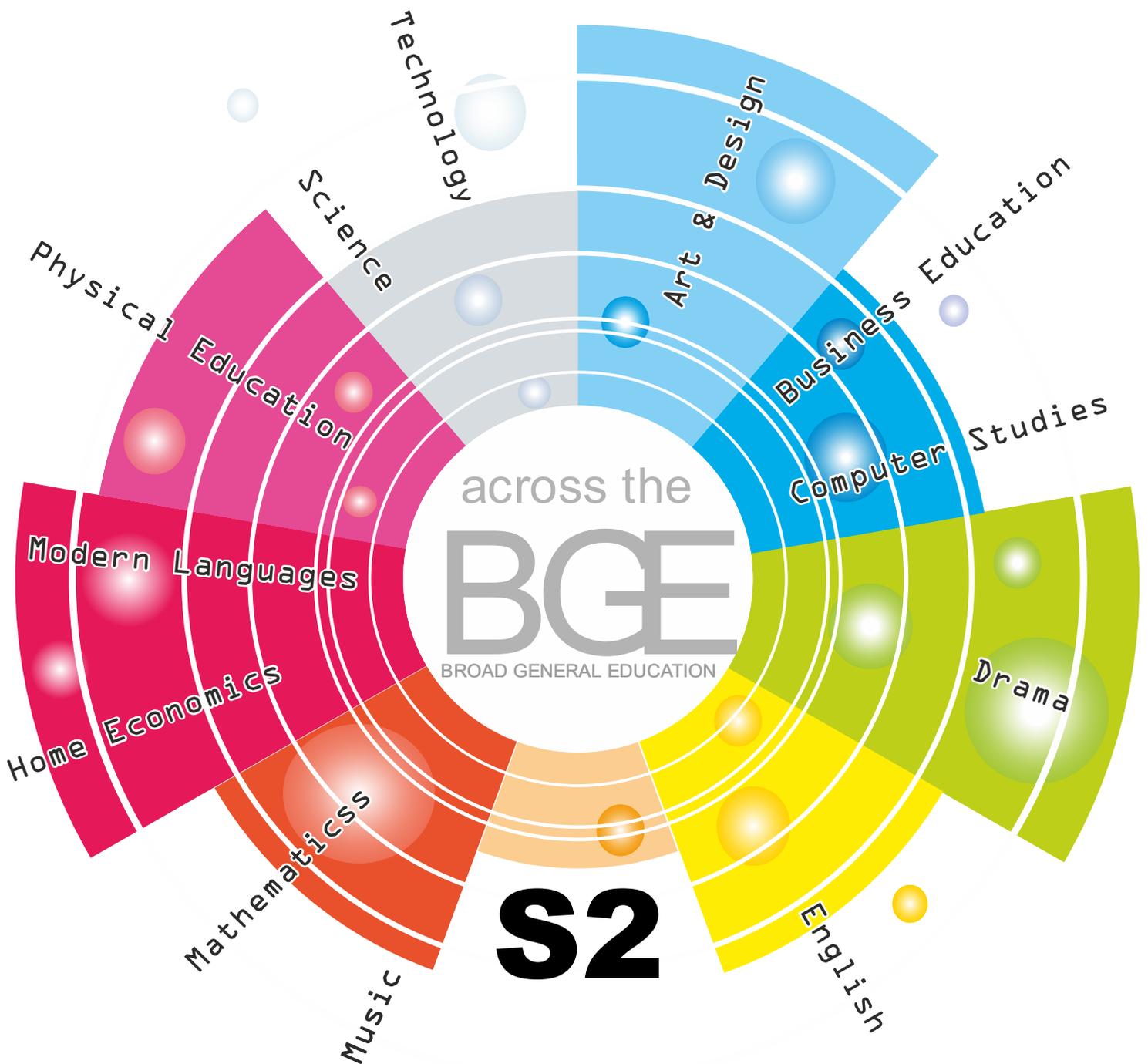




WESTHILL ACADEMY



## S2 Key Dates

### Term one

- 19/08/19 In - service day
- 20/08/19 In - service day
- 20/08/19 HT Assembly – pupils return after summer break
- 27/08/19 House Assembly A
- 28/08/19 House Assembly C
- 30/08/19 House Assembly D
- 30/08/19 House Assembly E
- 23/09/19 S2 Assembly
- 27/09/19 S2 Tracking
- 10/10/19 4pm start of October Holidays
- 11/10/19 In - service day

### Term two

- 28/10/19 School starts back after the October Holidays
- 01/11/19 S2 Assembly
- 06/11/19 S2 Parents' Night
- 18/11/19 In-Service day
- 19/11/19 In-Service day
- 25/11/19 Assembly E
- 26/11/19 Assembly D
- 27/11/19 Assembly A
- 28/11/19 Assembly C
- 17/12/19 Christmas Service House Groups
- 18/12/19 Christmas Service House Groups
- 20/12/19 4pm start of Christmas Holidays

### Term three

- 06/01/20 School starts back after the Christmas Holidays
- 09/01/20 S2 Assembly
- 13/02/20 Mid-term Holiday
- 14/02/20 Mid-term Holiday
- 17/02/20 Mid-term Holiday
- 18/02/20 In-Service day
- 19/02/20 In-Service day
- 24/02/20 Assembly C
- 25/02/20 Assembly D
- 26/02/20 Assembly E
- 27/02/20 Assembly A
- 04/20 S2 Tracking
- 30/03/20 S2 Assembly
- 03/04/20 4pm start of Easter Holidays

#### **Term Four**

- 20/04/20 School starts back after the Easter Holidays
- 08/05/20 May Day Holiday
- 5/20 Issue S2 reports issued
- 21/05/20 S1-3 STEM Activities day
- 22/05/20 S1-3 Activities Sports day
- 25/05/20 New Timetable starts S2,3,4
- 26/06/20 Assembly A
- 29/06/20 Assembly E
- 30/06/20 Assembly D
- 01/07/20 Assembly C
- 03/07/20 4pm start of Summer Holidays

## Maths

**The year group is split into 2 halves. Each half is then split into 3 classes.**

### **Topics covered**

SETS 1 AND 2 (the work covered is predominately at Level 3/4)

Integers, Powers, Fractions, BODMAS, Statistics, Angles, Algebra, Scale Drawing, Equations, 2D shape, Pythagoras, Surface Area and Volume, Probability, Number Patterns, Transformations.

Fractions, decimals, percentages, speed, distance, time, ratio and proportion covered in the 40 minute lessons once a week.

### SET 3

Same topics as above but predominately at Level 2/3

### **What skills will be developed?**

In each and every classroom a young person's literacy, numeracy and health and wellbeing skills are being developed as well as those which are preparing them for life beyond school.

Specific skills which will be developed in this course will be:

- Number skills
- Problem solving

### **What homework can we expect?**

- Homework will be issued regularly.
- Finishing off classwork if not complete
- Revision for assessment
- On-line homework from the MyMaths website

### **Learning at home. How can you help?**

- Use the BGE Numeracy Support guide to help you understand the methods being used in class to support your child at home
- Use [www.mymaths.co.uk](http://www.mymaths.co.uk) or [www.math-aids.com](http://www.math-aids.com)
- As well on-line homework from the MyMaths website pupils are able to access any of the topics on the website as lessons to work through providing consolidation, revision or extension work.
- A wealth of class resources at Glow ,for lesson support , homework and revision ie, Course notes ect.

## S2 Art and Design

### Topics covered

1. **My Future Aspirations Portraiture (10 weeks)**
2. **Design Influences (3D model) (10 weeks)**
3. **Still Life Drawing Skills (9 weeks)**
4. **Garden Furniture Design Clay Modelling (10 weeks)**

### What skills will be developed?

This year divides into 4 sections. Firstly, we will be looking at personal aspirations for the future and look at portraiture with fractions of the face and building up confidence in a variety of materials.

They will look at various designers and use their influences to generate design ideas and a design model.

Followed by still life drawing skills which focuses on accuracy and scale with the further development of application of materials.

We then move onto a garden furniture project which highlights the effectiveness of form, function and market. We research designs the market, concentrate on how this design might fit with the natural aesthetic of a garden and make a 3D model of their final piece.

Throughout the topics we research and analyse artists and designers to help inspire our work and get a better knowledge of social and cultural backgrounds **Art and Design**

### **Specific skills which will be developed in this course will be:**

- 2D and 3D drawing with the application of different materials.
- Creativity – will be explored at each topic with personal choice.
- Showing accuracy regarding attention to detail, scale and careful application of materials.
- Problem solving skills –ideas for the poem, weight in clay, design of packaging.
- Numeracy skills with fractions in dividing up the face, 3D model and scaling up objects.
- Literacy skills in analysing and research artists and designers whilst also reflecting on work at each topic area.

### **What homework can we expect?**

- Homework will be issued that is relevant to each topic featured 1-5.
- Homework can be research, sketching or applying a material e.g. tone.

### **Learning at home. How can you help?**

- Learning history in art and design that interests them
- Practicing drawing skills

## Humanities

### On Rotation

#### Topics covered

- Ignorance, Apathy and Greed
- Health
- Exploration and Empire
- Planning, development and its impact
- Pressure Groups

#### What skills will be developed?

In each and every classroom a young person's literacy, numeracy and health and wellbeing skills are being developed as well as those which are preparing them for life beyond school.

Specific skills which will be developed in this course will be:

- Reading
- Problem solving
- Synthesise ideas
- Communication

#### What homework can we expect?

- Finishing off classwork if not complete
- Research for reports and presentations in each topic area

#### Learning at home. How can you help?

- Encourage your child to watch the news <http://www.bbc.co.uk/newsround> presents current events in a way that is accessible to S1/S2 pupils
- Visits to the library are also an excellent way to gather research material on topics
- More can be found about Edinburgh New Town here <http://www.ewht.org.uk/learning/Athens/the-new-town-plan>
- The British Library has a good resource on public health in the past <https://www.bl.uk/victorian-britain/articles/health-and-hygiene-in-the-19th-century>
- Women and the vote <http://www.bbc.co.uk/guides/zt3wmnb>
- This short clip from TED-ed explains the rise of Hitler <http://ed.ted.com/lessons/how-did-hitler-rise-to-power-alex-gendler-and-anthony-hazard>
- More detail on Australia's "Stolen Generation" <https://www.creativespirits.info/aboriginalculture/politics/a-guide-to-australias-stolen-generations#axzz4j8VPDh11>

## S2 Music

### 10 week rota

#### Topics covered

- Film Music – listening and performing
- Jazz and Blues – performance, improvisation and listening
- Somewhere Only We Know – performance, listening and inventing
- Next to Me – performance, listening and inventing
- Stay With Me – performance, listening and inventing
- Sibelius computer programme
- Scottish music - listening, performing and inventing
- Can't Stop This Feeling - listening and performing
- Perfect – listening and performing
- I'm A Believer – listening and performing
- Havana – listening and performing

#### What skills will be developed

In each and every classroom a young person's literacy, numeracy and health and wellbeing skills are being developed as well as those which are preparing them for life beyond school.

Specific skills which will be developed in this course will be:

- Reading
- Writing
- Listening
- Talking
- Problem solving
- Communication oral and written
- Resilience
- Working with others
- Creativity (Open-mindedness)
- Taking responsibility for own learning
- Planning and organising

#### What homework can we expect?

- Homework will be issued on a fortnightly basis. This will take the form of music theory
- Power points on various topics
- Revision for assessments

#### Learning at home. How can you help?

Allow your child to listen to a wide variety of music genres

Aural training – to help with understanding of basic theory

<http://www.teoria.com/en/exercises/ie.php>

<https://www.musictheory.net/exercises>

Instruments of the orchestra – to help with recognition of orchestral instruments

<http://www.nyphilkids.org/>

<http://www.sfskids.org/>

<http://www.philharmonia.co.uk/explore/instruments>

General music training games – to put into practise and reinforce basic knowledge and understanding of the music concepts and definitions

[http://www.paulysplayhouse.com/paulys\\_playhouse/lab\\_games/franky.html](http://www.paulysplayhouse.com/paulys_playhouse/lab_games/franky.html)

[http://www.musictechteacher.com/music\\_quizzes/music\\_quizzes.htm](http://www.musictechteacher.com/music_quizzes/music_quizzes.htm)

- Encourage your child to practise on a daily basis where appropriate

## **Personal and Social Education**

### **On Rotation**

#### **Topics covered**

Relationships – friendship + bullying

Substance Abuse – Alcohol + gateway drugs + main drug groups and current concerns

Anti-social behaviour + youth justice

Global citizenship

Rights and Responsibilities for young people

#### **What skills will be developed?**

In each and every classroom a young person's literacy, numeracy and health and wellbeing skills are being developed as well as those which are preparing them for life beyond school. Specific skills which will be developed in this course will be:

- Reading
- Writing
- Listening skills
- Questioning of others
- Organisational skills
- Analytical skills – reviewing progress, setting targets
- Personal reflection
- Problem solving
- Emotional literacy
- Social interaction and awareness
- teamwork

#### **What homework can we expect?**

- Homework is not a formal part of the PSE curriculum although the pupils are encouraged to continue their understanding of the topics and are given websites or resources that they can access to support their learning.
- Much of the work being carried out in PSE can be continued as part of discussions at home to support progress and understanding.
- Current affairs both in Britain and beyond become relevant and it is useful for pupils to be aware of topics.

#### **Learning at home - How can you help?**

- Drugs: [www.talktofrank.com](http://www.talktofrank.com)
- Alcohol and Drugs Action, Aberdeen (ADA): [www.drugsaction.co.uk](http://www.drugsaction.co.uk)
- Global Citizenship + Children's Rights: [www.unicef.org.uk](http://www.unicef.org.uk) [www.oxfam.org.uk](http://www.oxfam.org.uk)
- Scottish Children's Reporter Administration: [www.scra.gov.uk](http://www.scra.gov.uk)

## RMPS

### Topics covered

- Multicultural Scotland
- Buddhism
- Festivals
- Charity Unit

### What skills will be developed?

In each and every classroom a young person's literacy, numeracy and health and wellbeing skills are being developed as well as those which are preparing them for life beyond school.

Specific skills which will be developed in this course will be:

- Reading
- Writing
- Communication (Talking and Listening)
- Discussing and Debating
- Team Work
- Presentation Skills
- Critical Thinking and Analysis
- Investigation

### What homework can we expect?

- There is formal homework issued at least twice a term
- Informal tasks issued can take the form of encouraging young people to discuss topics with family members and friends
- To reflect on tasks and consider practical implications of beliefs
- Practicing talks/ presentations at home
- Finishing off classwork if not complete

### Learning at home. How can you help?

- As we are studying religions and beliefs it would be beneficial if parents/ carers could encourage young people to discuss what they have been learning and to reflect on their beliefs and opinions.
- Encourage young people to engage with news and media stories related to world religions, moral issues and/ or philosophical concepts as a topic of conversation.
- Listen to young people practice their talks or presentations.
- Ask young people about their homework tasks and assist if required.

## S2 Science

### 2 Periods per week

#### Topics covered

- Planet Earth – Biodiversity
- Biological Systems – Micro-organisms, health, genetics
- Materials – Acids and Alkalis, Rocks and minerals
- Forces – Electricity & waves
- Topical Science

#### What skills will be developed?

Specific skills which will be developed in this course will be:

- Reading and scientific literacy
- Problem solving
- Inquiry skills
- Investigative skills
- Analytical thinking

#### What homework can we expect?

- Homework will be issued on approximately a two weekly basis (this may vary due to the nature of the task).
- This may take the form of knowledge and understanding questions, problem solving, revision (assessment every 8 weeks) or project based activities such as preparing a presentation.

#### Learning at home. How can you help?

- BBC Bitesize provides revision notes and video clips to enhance learning and aid revision:  
<http://www.bbc.co.uk/education/subjects/zq8myrd> - S1 and S2
- Supporting consolidation of the work can be done using the learning outcomes provided in every topic booklet.
- Use the BGE numeracy guide to help explain any problems you child may have.
- Copies of class materials and homework tasks are on Westhill Academy Sciences GLOW pages
- Twitter@ScienceDeptWA – science news, resource links. pupil work, videos and photos

## Design and Technology

### Topics covered

1. CAD Graphics skills (5 weeks)
2. Orthographic Drawing (5 weeks)
3. Wooden Photo Frame (14 weeks – approx.)
4. Metal Memo clip/holder (12 weeks – approx.)

### What skills will be developed?

This year divides nicely into 4 distinct sections. We will be looking at the role of Computer Aided Design and Manufacture and pupils will be assigned projects to re-create using 3D CAD software. We will be looking at traditional 2D drawing skills to allow a greater understanding of the different types of manufacturing drawings they might come across in their lifetime (flat pack furniture, a new house, and extension, maps etc). Pupils will be producing various drawings (in a folio) and a model of a photo frame. Pupils will be discovering metal properties and manufacturing through our Memo Clip project.

### Specific skills which will be developed in this course will be:

- 2D and 3D drawing and rendering
- Creativity – especially with the Memo clip design
- Accuracy and attention to detail
- Problem solving skills – especially in the CAD Graphics Unit
- Numeracy skills with measuring and manipulation of 3D design models
- Literacy skills in the report pupils write “History of work” which re-caps the new terminology and manufacturing practices covered in each project.

### What homework can we expect?

- In general Homework only applies when work has to be finished up at home (for instance – folio drawings)
- Your child will get 2-3 simple homework’s for the Wooden Photo frame and Metal Memo clip – this is to consolidate classroom learning

### Learning at home. How can you help?

- Our 3D design package( AutoDesk Inventor 2014) is free to download for all pupils – they will need to register – here is the website link - <https://www.autodesk.com/education/free-software/all>
- Sketching and drawing is such an important part of Design and Technology – practicing in sketchbooks is always advised.

## S2 PE

### Topics covered (5/6 weeks blocks)

- Team Games (basketball, football, lacrosse, basketball, rugby)
- Net Games (badminton, short tennis, table tennis ,volleyball)
- Individual Activities (swimming, orienteering, fitness)
- Aesthetic Activities (gymnastic /ceilidh dancing) hip hop/jazz/ ceilidh dancing

### What skills will be developed?

In each and every classroom a young person's literacy, numeracy and health and wellbeing skills are being developed as well as those which are preparing them for life beyond school.

Specific skills which will be developed in this course will be:

- Team Work
- Problem solving
- Movement Competencies
- Decision Making
- Communication
- Resilience
- Cooperation
- Etiquette
- Health Related Fitness Benefits
- Evaluative & Analytical skills

### What homework can we expect?

- Homework will be issued once or twice a term

### Learning at home. How can you help?

- Ensure pupils maintain active and healthy lifestyles
- Encourage outdoor activities

## English S2

### Topics Covered

Each class covers the 3 curriculum areas of **Talking and Listening, Reading and Writing** through use of level appropriate texts and units of work. We aim to provide enjoyment and choice for pupils so these will be chosen to suit individual classes, meaning that while pupils will all cover the same outcomes and experiences, they may not all study the same texts or authors.

All classes study a range of genres over the year: Prose (fiction), Prose (non-fiction), Drama, Poetry and Media.

Popular texts include:

A Sound of Thunder by Ray Bradbury (prose fiction)  
Animal Farm by George Orwell (prose fiction)  
Fat Boy Swim by Catherine Forde (prose fiction)  
Sredni Vashtar by Saki (prose fiction)  
Abomination by Robert Swindells (prose fiction)  
Dracula adapted by David Calcutt (drama)  
Frankenstein adapted by Phillip Pullman (drama)

Ulysses by Alfred, Lord Tennyson (Poetry)  
The Fair by Vernon Scannell (Poetry)  
Superhero Unit (Media)  
The Blue Planet (Media)  
Topical Newspaper Articles (non-fiction prose)

### Skills

Reading:

- finding and using information, including selecting key points, assessing the reliability of sources and note-making/summary in own words
- making comparisons between texts
- identifying and analysing a range of language and literary techniques
- identifying themes and making connections
- evaluating texts

Pupils are also asked to develop their own personal reading in a dedicated 40 minute period. We facilitate this with fortnightly library visits but pupils should be supported to ensure they always have an appropriate book for this lesson. The aim is to provide personalisation and choice and to help pupils become more independent in their reading. This also assists in building vocabulary and reinforcing knowledge of grammar, punctuation and spelling.

Writing:

- synthesising information to create new texts
- reviewing and editing work to ensure accuracy
- structuring writing to communicate clearly
- describing events, feelings and reactions
- using basic language and literary techniques to engage the reader
- using appropriate tone, layout and other features for the type of text chosen
- using references

## Listening and Talking:

- finding and using information from a spoken text, including selecting key points, assessing the reliability of sources and note-making/summary in own words
- making comparisons between spoken texts
- using basic spoken language techniques to engage an audience
- using eye contact and other non-verbal communication to help communicate to an audience
- clarifying and responding to others in discussion or debate
- allowing others the right to hold a different opinion

In order to foster Listening and Talking skills, all S2 pupils will be expected to participate in presentations and group discussion in front of their peers. Communicating with an audience is a key part of the curriculum and pupils are encouraged to build confidence in this area.

## Homework

Homework will vary across the year but the main tasks will include:

- research of themes and topics relevant to class work
- redrafting extended writing to ensure accuracy and improve language and style
- reinforcing knowledge of punctuation, spelling and grammar through the S2 Homework Booklet
- completing work unfinished in class
- preparing and practising debate and presentations

There is also an expectation that pupils maintain their personal reading at home, both through their chosen books and by reading good quality news articles.

## Learning at home

- Paired reading <https://education.gov.scot/improvement/learning-resources/Scotland%20Reads:%20Paired%20reading%20partners>
- BBC Skillswise Language Resources <https://www.bbc.com/teach/ks3-english-language/zj3xbd>
- Exposure to more formal language and vocabulary through good quality newspapers and radio programmes. Young people should be encouraged to use new vocabulary and to expand their general knowledge of topical issues.

## **S2 Computing Science**

### **Topics covered**

- Computer Systems
- Scratch Programming
- Web Design (Serif WebPlus)
- Databases
- HTML (Web design)
- Python (Programming)

### **Skills development**

- Numeracy
- Number processes
- Information handling
- Employability
- ICT
- Thinking skills
- Problem solving
- Creativity

### **What homework can we expect?**

Pupils will be issued a short written homework to complete at relevant points in the course. This will allow teachers to check the pupil's understanding of the current topic. All homework will be issued on Glow using Teams.

### **Learning at home, how can we help?**

All materials used in class are available online through Glow. The software used in class is mainly freely available for pupils to use online or to download if they wish but there is no requirement for this.

## S2 French

### Topics covered

- Holidays
- My social life
- Health
- Clothes
- Environment

### What skills will be developed?

In each and every classroom a young person's literacy, numeracy and health and wellbeing skills are being developed as well as those which are preparing them for life beyond school.

Specific skills which will be developed in this course will be:

- Reading
- Writing
- Listening
- Talking
- Effective Communication
- Working in a group
- Peer assessment

### What homework can we expect?

- Revise vocabulary after every lesson.
- Revise for assessments (September, October, November, March)
- Finish classwork if not complete.
- There may also be specific homework tasks but this will not be every week.

### Learning at home. How can you help?

- Encourage your child to watch French television or listen to French songs on the radio. This will boost their confidence in the language.
- Play games on Linguascope (USER: westhillac PASS: academy1), Duolingo, french-games.net, or any other language-based website.
- Talk with your child in French or encourage them to talk to you in French.

## Drama

### On Rotation per 10 weeks

#### Topics covered

##### **Unit 1 - Topic Form and Structure**

- Working from Stimulus
- Exploration of Non-Linear Drama
- Use of Drama conventions
- Performance and Evaluation

#### What skills will be developed?

In each and every classroom a young person's literacy, numeracy and health and wellbeing skills are being developed as well as those which are preparing them for life beyond school.

Specific skills which will be developed in this unit will be:

- Writing
- Listening
- Talking
- Problem solving
- Working with others
- Co-operation and Negotiation
- Taking responsibility for own learning
- Creative Experimentation
- Planning and organising
- Performance skills, use of voice, movement, characterisation
- Observing and evaluation their own work and work of others

#### What homework can we expect?

- There is no homework linked with this unit

#### Learning at home. How can you help?

- Ask them about their storyline and character

##### **Unit 2 – Soci-Drama and Characterisation**

- Responding to a stimulus
- Exploring social issues
- Creating a group drama in response to a stimulus
- Performance of group piece to audience
- Watch and evaluate their work

### **Specific skills which will be developed in this unit**

- Observation
- Listening
- Co-operation
- Negotiation
- Working with others
- Creativity
- Use of voice and Movement in creation of character
- Taking responsibility for own learning
- Planning and organising
- Performance skills,
- Observing and evaluation their own work and work of others

### **What homework can we expect?**

- Character cards
- Diary entries
- Script writing

### **Learning at home. How can you help?**

- Discuss the social areas and issues being explored in the topic, child abuse, care system, bullying, neglect social attitudes towards these issue
- Proof read their scripts

### **Unit 3– Script Work “Grease”**

- Responding to a stimulus
- Taking Direction, blocking
- Creation of Characters
- Use of Voice and Movement
- Performance of group work for Video
- Watch and evaluate their work and the work of others

### **Specific skills which will be developed in this unit**

- Observation
- Listening
- Co-operation
- Negotiation
- Working with others
- Organisational
- Creativity
- Script analysis
- Learning lines
- Taking responsibility for own learning
- Performance skills, use of voice and movement
- Observing and evaluation their own work and work of others

### **What homework can we expect?**

- Character cards
- Learning lines

### **Learning at home. How can you help?**

- Assist in learning lines