

# **SPRING TERM 2019**

## **Year 10**

### **ENGLISH**

During the course of the spring term, students will continue to follow examination courses in English. Where appropriate, students will be entered for the examination or any other examination deemed applicable to meet their needs.

'Holes' will provide a literature focus.

Students will develop their writing skills through producing posters, letters, accounts, reports and imaginative fiction. All students will be helped to plan, draft and revise their work before publishing it as a final, finished piece of work. The work will be supported by DVDs. The students will be encouraged to develop their English skills in the areas of Spoken Language, Reading, Handwriting and Spelling. Laptops will also be used to support the students' work. Students will be expected to complete pieces of homework to support work completed in school.

#### **Vocabulary**

<b>dig</b>	<b>friendship</b>	<b>centre</b>	<b>guard</b>	<b>respect</b>
<b>hole</b>	<b>desert</b>	<b>curse</b>	<b>poor</b>	<b>honesty</b>
<b>whole</b>	<b>dessert</b>	<b>course</b>	<b>pour</b>	<b>responsibility</b>

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## Year 10

### NUMERACY

In Numeracy this term we will be following the National Curriculum and working towards the OCR Entry Level Certificate. The work for the National Curriculum will be taken from the following areas:

- fractions
- decimals and percentages
- Measurement including time

Every lesson will have an oral and mental maths component in which pupils will develop their skills in using numbers.

All students will have the opportunity to solve problems and apply their maths skills. Emphasis will be placed on developing their functional skills.

Pupils should take every opportunity to use numbers. They need to use the four operations of +, -, x and  $\div$  in everyday situations. They need to know the multiplication tables.

Pupils will begin to study for the OCR Entry Level Certificate in Mathematics, OCR Functional Skills in Mathematics and complete St Clare's Numeracy Certificates in Life Skills in the areas of; Communication, Community/Animals, Environment, Home Management, Leisure and The World of Work.

For all up-to-date Maths curriculum details, please go to:

[www.padlet.com/stclaresmaths/curriculum](http://www.padlet.com/stclaresmaths/curriculum)

#### Vocabulary

total

double

more than

larger than

cube

kilometre

difference

multiple of

less than

side

prism

metre

half

estimate

greater than

faces

cylinder

litre

quarter

approximate

smaller than

edges

regular

kilogram

# SPRING TERM 2019

## Year 10

### SCIENCE

After the Christmas break, students return to study CSI plus and as part of this topic the students visit the University of Derby's Forensic Training facility. Students understand what evidence and chemical tests are carried out at a crime scene.

Then students study "Hot Stuff" which is a Physics topic all about energy changes that release thermal energy.

#### Vocabulary

Forensic  
evidence  
Endothermic

SOCO  
thermal  
exothermic

fingerprinting  
energy

chromatography  
transfer

### ART AND DESIGN

#### Insects

Students study the topic of Insects this term, beginning with observational drawings exploring a range of insects. Students work with clay, a range of printing techniques and various media.

#### Vocabulary

clay relief

textiles

painting

lino

stencil

# **SPRING TERM 2019**

## **Year 10**

### **ASDAN YOUTH AWARD SCHEME**

The ASDAN Youth Award Scheme is a nationally recognised and accredited qualification which is followed by many schools across the country. There is a practical emphasis to the scheme which lasts two years. In Year 10, students will work towards the Bronze Award which requires them to achieve at least 6 credits over approximately 60 hours of work.

Students will collect evidence to show that they have met certain challenges and present their work in a personal folder. The skills students will develop over the course are:

- Teamwork
- Improving their own learning
- Problem solving
- Use of Maths, English and ICT

In the spring term of Year 10, students will spend one half term at Derby College completing some vocational work and at school will cover 4 of the following modules:

- Technology
- Home Management
- Sport and Leisure
- Health and Survival
- The Environment
- Working in The Community

Whilst most of the work can be covered at school, some areas may require students to complete a challenge at home. When this occurs you will be informed and we would be grateful for any support you can offer.

#### **Vocabulary**

planning  
technology  
key skills  
health

review  
communication  
literacy  
environment

evaluation

teamwork  
community  
number handling  
Bronze award

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## **Year 10**

### **DESIGN TECHNOLOGY**

During the course of Year 10 your child will have chosen to follow a particular aspect of Design Technology.

The following outline the courses of study:

- (a) Food Technology
- (b) Resistant Materials

#### **a) ASDAN SHORT COURSE - FOOD WISE**

During the 2018-2019 academic year your child will complete a number of tasks including practical activities:

- Cooking sweet and savoury dishes
- Entertaining
- Healthy Eating
- Food budgeting
- Food safety

The Award is based on coursework. This will consist of finished products and written work relating to each project.

#### **Vocabulary**

meal  
nutrients  
fat  
fibre

research  
carbohydrates  
investigation  
budget

ingredients  
protein  
evaluation

recipe  
minerals  
planning

# SPRING TERM 2019

## Year 10

### **b) AQA – RESISTANT MATERIALS**

This year your child will be working on the above course.

Throughout the year students will complete a number of different tasks that include:-

- Design and Making Skills
- Assembly and Disassembly
- Research, Investigation and Evaluation

Students will be producing a number of different artefacts, some of which will be chosen for entry into the examination.

The students will be expected to produce this work if they are to be entered for the accreditation, as the Certificate is based purely on coursework.

#### Vocabulary

situation  
solution  
test

brief  
prototype  
planning

research  
evaluate  
investigation

specification  
working drawing  
construction

### **INFORMATION COMMUNICATION TECHNOLOGY**

Students will begin working towards their AQA Functional Skills Award. To complete the award students will complete a formal assessment in the spring term where they will have to login to a computer use email and complete a set task.

Year 10 will complete a range of past papers to ensure they are suitably prepared for their AQA Functional Skills examination.

#### Vocabulary

design  
address book  
save

presentation  
folder  
email

login  
image

reply  
edit

# **SPRING TERM 2019**

## **Year 10**

### **PERSONAL, SOCIAL & HEALTH EDUCATION**

During the next term your child will be studying the following areas:

- Peer pressure – how this can influence individuals
- Personal relationships
- Drugs and their related problems

#### **Vocabulary**

friendship  
responsibility  
abuse

pressure  
relationship  
risk

confidence  
commitment

attraction  
respect

This term students will also be working on developing attitudes and skills which will aid their personal development and enable them to live in and contribute positively to the wider community. Initially they will spend some time on activities which develop listening and communication skills, co-operative behaviour and team building.

They will also engage in activities designed to help them develop their self-image and self-esteem before they go on to explore wider issues that have an impact on their lives now and in the future.

#### **Vocabulary**

communication  
illegal

skills  
decision

healthy

legal

# **SPRING TERM 2019**

## **Year 10**

### **PHYSICAL EDUCATION**

This will involve a mixture of classroom and practical work which aims to develop leadership skills in young adults. Students will have opportunities to coach others and develop communication and organisational skills.

#### **Vocabulary**

leadership  
coaching

fair play  
organisation

communication

practical

### **RELIGIOUS EDUCATION**

In Year 10, students begin to work more independently and to carry out research both individually and in small groups. The work that they produce will count towards an Entry Level Award. This course, which they will continue in Year 10 and 11, is based on a number of topics such as: The inside of a religious building, Famous followers of Religion and the Persecution of People.

This term students will look in more detail at beliefs and how these are reflected in religious practises and life choices.

#### **Vocabulary**

empathy

tolerance

ceremony

values

beliefs

charity