

# RAP<sup>V</sup> V1

## Summer First Half-Term

### Maths

Solving mathematical problems and decision making: students at Level 1 are expected to be able to use the knowledge and skills listed above to recognise and obtain a solution or solutions to a straightforward problem. A straightforward problem is one that requires students to either work through one step or process or to work through more than one connected step or process.

### English

English and Media project which will further support reading writing and speaking and listening skills.  
By developing a magazine, students will learn to develop skills such as research, target audience and furthering knowledge of writing to persuade, describe, inform which is required for their academic pathways. They will also present the final projects in a speaking and listening exercise to the whole class.

### Science

Students will be able to explain how different components of the nervous and endocrine system are used to undertake voluntary and involuntary actions, including the reflex arc, how blood glucose level and the menstrual cycle is regulated. Able to evaluate type 1 and 2 diabetes and the menstrual cycle. Students at the end of this term shall be able to explain what sustainable development is with regards to finite and renewable resources, describe how potable water is made, and compare life cycle assessment of materials and products.

Students will define scalar and vector quantities, calculate weight and resultant of 2 forces acting on a straight line, and work done and also explain the difference between elastic and inelastic deformation in springs (inc force and elastic potential energy calculations).

### Construction

This term we will continue our practical trades and also work on a construction school project in RAP (TBC).

### Art

This term students are investigating the theme of Power and Weakness. They are creating mind maps, artist research pages and photomontage and spraying painting techniques around the theme. This work goes towards their GCSE portfolio, which will be marked in May.

### ICT

Students will understand how business can use ICT for Communication and Collaboration for Commerce & with Consumers. We will consider their responsibilities for Data Protection. *Functional Skills Level 1 content: use appropriate software to meet requirements of straightforward data-handling task / use communications software to meet requirements of a straightforward task.*

## PSHE

### Relationships

#### Addressing extremism and radicalisation

We will be exploring communities, inclusion, respect and belonging. We will learn about how the Equality Act supports diversity and values, learning skills with which to identify how social media may distort, mis-represent or target information in order to influence beliefs and opinions. We will learn how to safely challenge discrimination and how to recognise and respond to extremism and radicalisation.

## PE

Rounders/ Kick Rounders - Students will learn how to strike the ball with precision and develop an understanding what it takes to work together as a team. Students will develop self confidence with rounders/kick rounders.

## Music

This unit will provide learners with the opportunity to explore the employment opportunities which may be available to them in the field of music production. Learners are required to investigate job roles using a variety of sources and identify a range of skills and personal qualities required for a chosen job role. They will also complete a CV detailing their skills, experience and qualifications to date as a starting point for developing a career development plan. (UNIT 15).

## Catering

We will be developing and demonstrating knowledge, understanding and confidence in planning, preparing and cooking meals at home. We will be able to describe the value of gaining cooking skills. We will evidence this by explaining the benefits of recipes we select to share with others.