

RAP^V V2

Spring 2nd Half-Term

Maths

Handle information and data: students at Level 2 are expected to be able to construct, interpret and evaluate a range of statistical diagrams. They can calculate and interpret probabilities. They can calculate, analyse, compare and interpret appropriate data sets, tables, diagrams and statistical measures such as common averages (mean, median, mode) and spread (range), and use statistics to compare sets of data. They can identify patterns and trends from data as well as recognise simple correlation.

English

In English this term we will focus on examination skills needed for Reading, Writing and Speaking and listening. This will entail planning presentations, selecting and organising information and delivering formal spoken presentations. Students will also focus on listening to the contributions of other students and asking questions to support clarification and to gain further insights. Pupils will be encouraged to engage with others confidently, audibly and effectively.

Science

Students will compare meiosis and mitosis and explain the structure of genes and how they are used to synthesise proteins. 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. Students will be able to evaluate type 1 and 2 diabetes and the menstrual cycle. Students then will write a balanced equation to represent photosynthesis and aerobic and anaerobic respiration.

Construction

This second half of the Spring term we will again be learning about construction and design with regard to buildings. We will also start a unit titled Scientific and Mathematical applications in construction. This term we will complete our assessments in these two units.

Art

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

ICT

Students will consider different ICT systems and the features of different network types and the potential system strengths and weaknesses in each. *Functional Skills Level 2 content: use appropriate software to meet the requirements of a complex data-handling task / use communications software to meet requirements of a complex task.*

PSHE

We will be developing independence, learning how to make responsible health choices, including how to assess risk and manage influence and personal safety. We will learn about the links between lifestyle and physical health, including the

importance of screening, self-examination and how to access health services. We will learn and practice emergency first aid skills.

PE

Tennis - Students will be able to demonstrate the variety of serves both forehand and backhand and be able to demonstrate these while they compete in a tennis match.

Music

Unit 7 develops a learner's ability to use different types of effects processes and use this knowledge to save and recall effects. In addition, to gain knowledge of this subject matter, learners will also develop their problem solving, ICT and organisational skills through using, setting-up and investigating the equipment.

Catering

We will be learning and demonstrating increasingly complex skills of preparation and cooking. We will explore the benefits of home cooking with a focus on sharing food, recipes and knowledge with others. We will be able to explain the value of gaining cooking skills for ourselves and others.