



New Rush Hall School

Year 11 Autumn 1:1

English

In English this half term, pupils will be developing their analytical skills in order to meet the assessment objectives of the English language paper 1. This will involve researching, extracting information, comparing and contrasting a variety of literature.

Pupils will read a range of fictional and non-fictional text, with the emphasis being on retrieval, summarising and clarifying.

Maths

In Autumn term 1, we continue the GCSE curriculum by introducing reciprocals, indices and roots to the 4 operations with integers. Values of fractions, decimals, surds and pi are compared and ordered. Formula for interior and exterior angles of polygons are used and explored. Standard form is used in context and the rules of indices also. Compound and interest change lead us into solving worded problems and using calculators to solve complex problems. We finish the term expanding and factorising quadratics, followed by some work with data and outliers.

Science

This term pupils will be recalling the organelles of plant, animal and bacterial cells. They will compare the structures of these cells as well explaining the functions of each organelle. Within this topic, pupils will need to explain the process of mitosis as well as binary fission. In addition, they will have an opportunity to discuss and formulate arguments for and against the use of stem cells in genetic medicine.

History

In this term, pupils will be studying 'Elizabethan England 1568-1603'. This will involve exploring who Elizabeth was and how she became queen. They will evaluate the causes, key features and consequences of some of the challenges that Elizabeth faced during her reign. Pupils will use different interpretations to explain why the issues of succession and marriage were so important and to describe the structure of Elizabethan society. They will also evaluate whether 'the golden age' is an accurate description of the Elizabethan era.



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Art/DT

This term pupils will continue to work on their GCSE Art coursework that will go onto form 60% of their final GCSE grade. Pupils are completing work on the theme of Portraits and have individually chosen the artists they would like to explore. They will spend time researching the works of these artists and go onto create their personalised outcomes using a range of different mediums.

Food Technology

In Food Technology this half term we will be looking into more detail on personal hygiene, separating raw and cooked food, food cooking and storing temperatures in preparation for the BTEC. We will be making a mixture of products from chicken skewers, jerk chicken & roasted peppers, pork belly with the skills that we have learnt previously.

P.E.

In P.E. this term we will be completing the gymnastics unit. We will explore 180/360 terms, forward rolls, backward rolls, frog, lank, V stand, candlestick position, headstand and handstand. We will create a routine where we practise moving from one stance to the next. We've also been given a great opportunity where the London Youth Rowing will fortnightly teach rowing strategies and skills. Alongside this, we practise weightlifting to strengthen our bodies.

PSHE/RE

In PSHE this half term we will be focusing on the new challenges we will be facing this year and strategies that can help. To be able to identify their own stress triggers and applying problem solving approaches to them situations in your own life. To develop strategies to manage your time effectively and reflect on their own school-life balance. To recap on the five stages of grief.