

# Year 7/8/9H Curriculum Guide



Autumn Term 2017



## **English**

We will be focusing on Reading comprehension to include their best hand-writing. This will incorporate revisiting and understanding certain English grammar and literary techniques such as informal/formal writing, homophones, biography, tenses, fact/opinion.

### **Thinking Skills:**

Last year this group completed the Edward de Bono's Thinking Skills programme. This term we will be practising putting those skills into action by finding solutions to problems, developing new ideas, and playing games to enhance Connecting, Categorising and Similarity/Differences skills.

## **Maths**

**Year 7/8 students will be learning the following.**

### **Unit 1**

Whole number arithmetic: place value, column addition, subtraction by decomposition, multiplication (short and long), division (short and long), rounding remainders, using a calculator.

Number sequences, perimeter and area of shapes.

### **Unit 2**

Averages (mean, median and mode) and range, comparison of data sets.

Fractions: equivalent fractions, fractions of a number, addition and subtraction of fractions, relating and converting between fractions decimals and percentages.

Angles: labelling angles, measuring and drawing angles using a protractor, estimating angles, estimating and classifying angles, calculating angles around a point and on a straight line, calculating angles in a triangle.

Properties of isosceles and equilateral triangles.

Algebra: using letters for numbers, collecting like terms, algebraic notation, substitution into formulae.

## **Science**

1. Safety in the Science lab
2. Working scientifically
3. Cells

## **History**

We will be exploring Roman Britain through a variety of sources and learning to interpret the sources and develop hypotheses. We will be developing our understanding of the chronology of key events and historical periods of time, and learn to use technically accurate language to describe events. This will lead on to learning about the development of Church, state and society in Medieval Britain 1066-1509.

## **Geography**

Geography is currently in the news on a regular basis and the year 8 students will be experiencing geographical studies through a variety of different medias. News stories such as hurricanes , tornadoes , volcanoes and floods seem to be a part of everyday life and the students will each produce a blog to highlight the news stories they experience through television, newspaper and online . Students will also factor in their own experiences of geographical studies to share through their blogs.

## **PE**

Swimming – according to their ability students will be working towards Personal Survival water safety skills, Speed and Distance Awards.

## **Art**

Learning Objectives – To understand the importance of mark making on the page using different media. To experience looking at the pen and ink drawings of Van Gogh/Animal examples. To understand colour mixing and tone.

Lesson breakdown

- 1 Draw circle and shade in dark to light – demonstrate and show examples
- 2 Drawing of members of the class using proportion
- 3 Continue
- 4 Investigate the work of Giacometti – do transcriptions in graphite
- 5 Investigate the work of Lowry – do transcriptions in paint
- 6 Henri Rousseau transcriptions
- 7 Continue
- 8 Draw circle and divide into 6 – demonstrate colour wheel. Pupils to fill in colour wheel
- 9 Start wire sculpture – follow instruction closely
- 10 - 12 Continue and finish

## **French**

1. Greetings and pleasantries
2. Say your name and where you live
3. Count up to 20 and say how old you are
4. Colours
5. Days of the week
6. Classroom equipment, instructions and school subject
7. Culture: Christmas in France

## **ICT**

In ICT this term Year 7 will be covering the following topics:

Word - creating documents using text, images (resizing and cropping), and creating page borders. They will also learn keyboard shortcuts.

Excel (Spreadsheets) - Entering data, text and border enhancement, creating simple calculations, charts and printing data and formula.

File Management

Introducing Programming Scratch

In ICT this term Year 8 will be covering the following topics:

Excel (Spreadsheets) - Entering data, text and border enhancement, formulas/ using functions, creating charts and printing data and formula.

Powerpoint – Creating a simple presentation – inserting text, graphics and using animation techniques. Printing options.

Paint - creating posters

Introducing Programming Scratch, Programming logic

## **Music**

There will be one practical and one theoretical session a week where we will cover aural awareness, theoretical understanding, musical appreciation and practical music making through the use of keyboards and percussion instruments.

Piano tutor used – Alan Haughton’s ‘Play Piano’ Book 1

Theoretical information will include simple rhythmic and rest notation, simple time signatures, treble clef notation and the major scales of C and G.

## **Drama**

We will refresh some of the skills learnt last year such as mime and characterisation.

I will then introduce some new themes such as; Shape, Power, Sound pictures.

They will explore creating their own piece of devised Drama and develop this over 2 or 3 weeks; also looking at scripts and developing someone else's ideas.





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