



## Dedworth Middle School

### The Autumn Term -2010- YEAR 7

This pamphlet provides details of the curriculum content for all the subjects your child will be following during the Autumn Term. A copy of your child's homework timetable is also included.

#### Mathematics

Children in key stage 3 will be grouped according to their ability. Children will be following the new secondary strategy and will place greater focus on the "functional skills" element of mathematics. Children will be given greater opportunities to apply their maths knowledge to real life contexts and problems solving activities. All children will begin by completing a unit of work based on being enterprising with money. The children will attempt to set up a virtual ice cream business and attempt to calculate the overheads and costs involved. Children will clearly be using basic number skills such as addition, subtraction, percentage and fraction work but will also need to work in teams and produce business plans and projected profits and losses. The second unit will re introduce the children to algebra. Children will be collecting terms, simplifying and solving equations and creating graphs of functions. All key stage 3 children will continue to use "My Maths".

#### English

In Term 1, Year 7 pupils study narrative writing and reading focusing on the fantasy genre. In Term 2, pupils study the classic text 'A Christmas Carol'. Pupils will be assessed throughout the term using APP (Assessing Pupil's Progress) grids. To help your child with their Reading and Writing, it would be helpful if you could ask him/her about the book they are reading and encourage them to watch programmes that fit into the fantasy genre.

#### Science

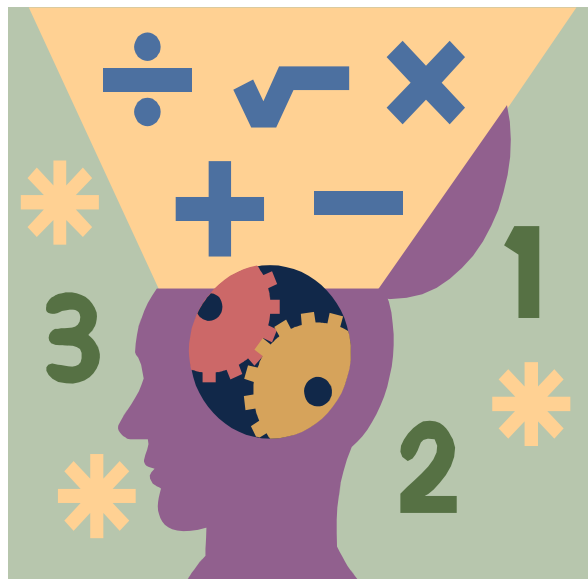
The programmes of study for Year 7 include: 'Particle Theory and solutions', 'electricity and magnetism', 'acid reactions' and 'reproduction'. As far as possible lessons include practical work and emphasis is placed on developing investigative skills. Pupils will be developing their scientific understanding by learning key vocabulary.

#### Choices

This is a reworking of the PSHE class. With an emphasis on areas including citizenship, health, ownership, independence, communication, emotions and society, Pupils will be undertaking a culture study of Japan, comparing the school and family lives of children in Japan and in the United Kingdom. Pupils will also learn about Japanese names, food and history, and learn basic vocabulary to introduce themselves to others.

#### Religious Education

Pupils will be learning about sacred texts; examples of what they are, where they came from, and how they are used. Pupils will learn the names of texts important to each of the major religions, and be able to describe their significance to the relevant religion.



#### Technology

The children will spend time in 3 different DT areas - Resistant materials, Food Tech and Textiles, and the children will work on a three term rotation. They will cover topics under the themes of Automata (moving toys with cams systems), , and making Cushions using our International theme of Japan. In Food technology the pupils will be covering the topic 'Muffin madness'. We shall make a variety of muffins and talk about healthy eating in relation to sweet foods. Later we shall design our own soup and make a variety of salads.

#### Creative Thinking

In term 1 they children will look back at the work they completed last year, including the work in the garden area. They will recap the Six Thinking Hats strategy for focused thinking, and be introduced to Personal, Learning Thinking Skills (PLTS). They will look at Energy Efficiency, the difference between renewable and non-renewable energy, the pro's and cons of each and looking at the energy used in school. They will end the term looking at solar power and complete a project using solar power. In term 2 they will experiment with making wind and solar powered objects, and comparing new power sources to traditional ones.

The children will also be encouraged to participate regularly on the [www.generationgreen.org](http://www.generationgreen.org) website in order to collect green points for the school's green leaf total, which in turn allows us to be awarded with 'green' prizes.

#### French

Year 7 continue to consolidate their grammar through oral, written and reading work. The topics covered include explaining your morning routine, your school subjects and your after school activities. New grammar is introduced which allows the pupils to expand their written French.



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### History

During this term we are studying the Roman Empire with particular focus on how the Empire began and the technologies and social structures that made Rome a force.

### Information Technology

Year 7 Term 1 will create a presentation that includes text and images. Use a mapping application and take screen shots. Add suitable sounds to the presentation. Learn about the term "fitness for purpose". Recognise the good and bad points of their presentation and make suggestions to improve them. Alter it so that it is suitable for a different audience.

#### Term 2

Understand information comes in different forms. Identify what information is needed for a task. Write good questions for a questionnaire. Search the internet and select information. Ensure the information is relevant to the task. Understand that information is not always reliable, accurate or even correct.

### Physical Education

Pupils in Year 7 receive 3 hours of PE each week. For indoor lessons girls will cover indoor athletics, dance, gymnastics, basketball and Boys will cover basketball and indoor athletics. For outdoor lessons girls will cover netball and cross- country and Boys will cover football, rugby and cross country.

### Geography

This term we shall begin an investigation into the 'More Economically Developed Country' (MEDC) of the United States of America. We shall develop the pupils understanding of human and physical geography and then focus on extreme weather.

This shall include the study of hurricanes and tornadoes

### Music

In term one year 7 will be learning about Japanese music, the different styles and instruments used. They will perform and sing a Japanese lullaby called 'Sakura'

In term 2 students will learn about film music, how it is written, why it is important and what musical elements are important. They will perform 'Hedwig's Theme'

### Art

The children will start by recapping colour theory and investigating materials. They will continue to develop their understanding and knowledge of this area through extended work on tones. They will then start work on Fantasy Creatures which links into their English work - Kraznir, developing their skills of figure drawing. The children will be expected to complete an independent project on Japanese Art in Term 2.

### Year 7 Homework Timetable

	Monday	Tuesday	Wednesday	Thursday	Friday
7BJ	Maths French	History	ICT RE	Choices Science	Geography English
7KL	Maths French	Choices	History	Science Geography	English RE ICT
7ET	Maths	RE	Science French	English History Choices	Geography ICT
7SMc	Maths	ICT	Science French	English History Choices	Geography RE