

## HENLOW MIDDLE SCHOOL

### SPRING 2012 - YEAR 5

ENGLISH	<p>Pupils will continue to have five hours of Literacy each week in their class groups, plus a further one hour of Drama.</p> <p>In Literacy lessons, pupils will cover a range of fiction texts and poetry, including the study of a class novel and classic narrative poem. Non-fiction texts will cover explanatory texts and non-chronological reports.</p> <p>Pupils will also complete a two-week module of work, revisiting information writing, in which they will produce their own information book for aliens called "Earth Children At School".</p> <p>Weekly homework tasks will be set during their Literacy lessons. Spellings will be set weekly. In addition, pupils will be expected to undertake the designated reading tasks in their Reading Diary.</p> <p>In Drama, children will complete a module based on the work of Roald Dahl, including rehearsing and performing part of a play based on one of his books.</p>
MATHS	<p>This year we shall work on a circular curriculum covering the following five blocks:</p> <ul style="list-style-type: none"> <li>• Counting, partitioning and calculating</li> <li>• Securing number facts &amp; understanding shape</li> <li>• Handling data &amp; measures</li> <li>• Calculating, measuring &amp; understanding shape</li> <li>• Securing number facts, relationships &amp; calculating</li> </ul> <p>Homework will be set weekly to revise, consolidate or extend pupil knowledge.</p>
SCIENCE	<p>Pupils will have three hours of Science a week in mixed ability groups. Those children who followed the Keeping Healthy unit in the Autumn Term will study 'The Properties of Different Materials' (including gases all around us and changes in state). The following modules will also be studied: Forces, and the Earth's Behaviour in Space, and vice versa. Further topics will be paired against each other to optimise the use of resources. The pupils have an end of module test which is based on SATs practice questions. Homework is project-based, usually one per module.</p>
ART & TEXTILES	<p>Due to the Design rotation system, pupils will have the opportunity to explore the following topics during the course of the Academic Year: they will study the work of Henri Matisse. This will involve drawing from life, print-making and painting. Pupils will also make a ceramic tile - this will involve clay preparation, slab building, ceramic joining techniques and glazing.</p> <p>In textiles, pupils will learn to explore the techniques and potential of a variety of materials. They will make a fabric book, utilising four different methods of applying colour and texture to fabric, as well as basic hand-sewing techniques. In addition, pupils will be looking at the traditional crafts of weaving.</p>

DESIGN & TECHNOLOGY	<p><u>Food Technology</u> Pupils will be taught basic kitchen hygiene and safety. They will learn to prepare and use a wide variety of fresh fruit and vegetables, and will be shown how these can be included in a healthy diet. Using recipes from the "Licence to Cook" scheme, they will prepare a selection of dishes, including salads, dips, kebabs and toasted snacks. They will also complete a "Basic Cooking Skills" assessment.</p> <p><u>Craft Design and Technology</u> Pupils will design, make and evaluate a key holder. During this project, they will build on existing design skills to produce 2D/3D drawings. In the workshop, they will learn and practise their practical skills and develop their understanding of hand tools with emphasis on function, accuracy, quality of finish and safety.</p>
GEOGRAPHY	Pupils will learn about the weather and climate. They will find out what makes up the weather, how the weather is measured and use weather instruments to record the weather in small groups. They will find out how to use climate graphs in order to look at climate patterns.
HISTORY	Pupils will study Britain in Tudor times. This will include how the Tudors came to the throne, Henry VIII, Elizabeth I and the Spanish Armada. Pupils will find out what life was like for sailors aboard the great ships on the voyages of discovery.
ICT	In ICT this term, Year 5 students will be learning to use MS PowerPoint, creating a "talking book" based on a poem. For the second part of the term, they will look at handling data, using a database of "criminals" to solve crimes.
MODERN FOREIGN LANGUAGES	Pupils will revise how to say when their birthday is and briefly recap how to say what pets they have. They will then go on to learn about family members and how to give details about brothers and sisters in the third person. Written work will start to take a more prominent role.
MUSIC	This term, in line with current developments in music, the pupils will be learning to play the recorder as a whole class. The aim of this unit is to provide all pupils with the opportunity to learn an instrument over a prolonged period of time. Each student will be loaned a recorder that they will be responsible for during the project. The unit will develop a number of the pupils' skills including: listening skills, manual dexterity, musical skills (including producing and controlling a sound) and it will develop their understanding of music.
PE	All classes will have two one-hour lessons per week. One will be games, which will comprise of rugby, soccer, netball, and hockey. The other will be PE where classes will alternate between gym and dance for one half-term each.
PSHE	Pupils will spend time exploring stereotyping, discrimination and prejudice within society and across cultures and they will be encouraged to recognise and respect different viewpoints. They will explore issues relating to peer pressure and decision-making, in connection with their drugs education.
RE	Pupils will look at how symbols are used in religion to express deep meanings.

## HENLOW MIDDLE SCHOOL

### SPRING 2012 - YEAR 6

<b>SPRING 2012 - YEAR 6</b>	
<b>ENGLISH</b>	<p>Pupils will continue to have five hours of Literacy each week in their class groups, plus a further one hour of Drama into Writing.</p> <p>In Literacy lessons, there will be a range of fiction and non-fiction texts studied. Pupils will develop their writing skills through two-week extended modules. As well as story-writing, they will cover playscripts and screenplays, writing for information, letter writing (including letters of complaint), explanations and instructions.</p> <p>Weekly homework tasks will be set during their Literacy lessons. Spellings will be set weekly. In addition, pupils will be expected to undertake the designated reading tasks in their Reading Diary. Pupils will also continue to prepare for the forthcoming SATs, through revision programmes, practice papers and in-School intervention &amp; booster classes.</p> <p>In Drama into Writing, pupils will have an opportunity to write a variety of different types of writing inspired by Drama activities.</p>
<b>MATHS</b>	<p>Pupils will have five hours of mathematics each week taught in ability sets. All pupils will be preparing for their KS2 SATs, by working on calculation skills, both mentally and in written form. This will include all four rules, using decimal numbers. Problems will involve money and simple percentages, as well as negative numbers. Pupils will use co-ordinates in four quadrants, recognise 2D and 3D shapes and try to measure angles more accurately. Most pupils will receive a "Rising Stars" pupil booklet to aid their revision, including SATs-style examples. They will have regular homework, either for one session a week or daily, depending on the set.</p>
<b>SCIENCE</b>	<p>Pupils will have three hours of Science a week in mixed ability groups. Pupils will construct electrical circuits &amp; represent them diagrammatically. They will also study 'How we see things' and Green plants. The Key Stage 2 course will conclude shortly after half term week, followed by a mock SATs test. Pupils will be issued with SATs practice books to aid revision. After half term, pupils will study CASE lessons which are designed to improve practical and investigative skills. Homework is set weekly.</p>
<b>ART &amp; TEXTILES</b>	<p>Due to the Design rotation system, pupils will explore the following topics during the course of the Academic Year: they will build on their existing skills, by looking at bugs &amp; insects and develop a sculptural piece in clay, wire and plaster. They will also study colour theory and research the work of the Impressionist artists, in order to produce a painting using these influences.</p> <p>In textiles, pupils will research natural forms &amp; explore printed pattern, focusing on repetition and rotation. They will use the knowledge they learn from this to create their own computer-generated piece of work. The other project for this term is soft-toy making, where pupils will have the opportunity to modify and make a soft toy. This project will build on pupils' knowledge of textiles gained in Year 5.</p>

DESIGN & TECHNOLOGY	<p><u>Food Technology</u> Pupils will be taught to use the grill, hob &amp; oven safely and continue to develop their understanding of a healthy, balanced diet. They will follow a range of recipes from the "Licence to Cook" scheme, including soup and a variety of baked dishes. They will also complete a "Healthy Eating" assessment and a practical skills test.</p> <p><u>Craft Design and Technology</u> Pupils will design, make and evaluate a money box. During this project, they will build on existing design skills to produce 2D/3D drawings and develop Computer Aided Design (CAD) skills. In the workshop, they will learn and practise their practical skills and develop their understanding of hand tools with emphasis on function, accuracy, quality of finish and safety.</p>
GEOGRAPHY	Our topic for this term is ecosystems and rainforests. Pupils will investigate what an ecosystem is and how climate graphs and photographs can be used to learn about their characteristics. We then undertake a study of tropical rainforests. This includes what they are like, how and why they are being destroyed and what can be done to try and slow down their destruction.
HISTORY	No history is studied during this term.
ICT	Year 6 pupils are beginning the term by looking at computer modelling. They will learn to enter simple formulae and functions in MSExcel. The second unit of the term will focus on control; students will use a computer package to develop flow charts to control devices.
MODERN FOREIGN LANGUAGES	This term, pupils will finish the topic about describing people and will hopefully be able to write a full description of themselves. They will then move on to a topic about school, starting with objects in their bag and pencil case, and eventually moving on to give opinions about school subjects.
MUSIC	This term pupils will be composing music for a special occasion, using musical theory to understand how chords are constructed. They will then use their knowledge of chords to compose a fanfare and a waltz.
PE	All classes will have two one-hour lessons per week. One will be games and the other will be PE. Where classes are paired for games, boys will do hockey and basketball, whereas girls will do basketball and soccer. In PE, classes will alternate between gymnastics and dance for one half-term each.
PSHE	Pupils will look at their values and freedom of choice, exploring what influences their choices, in particular, the media. They will explore issues relating to peer pressure and decision-making in connection with their drugs education, focusing on alcohol, nicotine and solvents.
RE	What is worship and how do people worship?

## HENLOW MIDDLE SCHOOL

### SPRING 2012 - YEAR 7

<b>SPRING 2012 - YEAR 7</b>	
<b>ENGLISH</b>	<p>Pupils will continue to have four hours of English each week. During the first half term, pupils will complete their work on the module "The Crystal of the Seven Dimensions", which focuses on fantasy adventure writing and will include opportunities for discussion, collaboration, note-taking and extended writing. Each class will also complete a six-week Reading Module during the Spring or Summer Term. Homework tasks and spelling activities will be set weekly.</p> <p>After half term, they will undertake a programme of study based around the works of Geoffrey Chaucer and, in particular, 'The Canterbury Tales'. Following a piece of assessed non-narrative writing, teachers will be setting targets for the children to work towards.</p> <p>Pupils will have one English homework set each week, which should take approximately 45 minutes to complete. Lists of spellings to learn will also be set each fortnight. Regular personal reading is encouraged.</p>
<b>MATHS</b>	<p>Pupils will have four hours of Mathematics each week. All pupils will use symbols for values and most will plot simple linear equations. They will explore transformations and symmetry of two-dimensional shapes, using ICT and geometric equipment. In data handling, they will display and interpret different types of data. All pupils will continue to work on calculation skills, revisiting decimals, fractions and percentages. Calculator work will be used in all modules and greater confidence encouraged. We are focusing on the skills used encouraging communicating, reflecting, analysing, representing and using mathematical reasoning. Weekly homework will continue to be set to revise, consolidate or extend the concepts covered.</p>
<b>SCIENCE</b>	<p>Pupils will have three hours of Science a week in mixed ability groups. Pupils will study Physics i.e. aspects of energy resources, electricity, the solar system and Forces. The other group will study Chemistry i.e. the particle theory, simple chemical reactions, using scientific models to explain phenomena, and Acids &amp; Alkalis. Topic order will vary from class to class. Wherever possible, small group practical activities will be used to deliver or illustrate How Science Works. A homework task will be set each week, on which pupils should spend approximately 45 minutes. Tasks will vary in style and may include answering set questions, planning practical work, reporting on observations and researching scientific issues. End of module tests which are based on KS3 SATs questions will provide the pupils with a module level.</p>
<b>ART &amp; TEXTILES</b>	<p>Due to the Design rotation system, pupils will research the following topics during the course of the Academic Year: they will explore the world of fashion and will look at bag or shoe design. They will design and make a three-dimensional model of a shoe or bag. In addition, they will explore different media and produce several pieces, inspired by traditional still-life paintings. This project will introduce pupils to a more contextual approach to Art and Design.</p> <p>In textiles, pupils will be looking at the work of Pop Art artists and making three-dimensional models from fabric. Hand- and machine-sewing techniques</p>

	will be used for this project. In addition to this, pupils will learn about the traditional art of batik (hot wax and fabric dye as a method of applying colour to fabric in layers). They will also develop their ideas by looking at the naïve work of Henri Rousseau or Georgia O'Keeffe.
DESIGN & TECHNOLOGY	<p><u>Food Technology</u> Pupils will be introduced to the study of nutrition, focussing on the importance of a balanced diet. They will follow a selection of recipes from the "Licence to Cook" scheme, including breads, koftas, salads and pasta bakes. They will complete assessments in "Healthy Eating", "Basic Cooking Skills" and "Hygiene &amp; Safety" and take a practical skills test.</p> <p><u>Craft Design and Technology</u> Pupils will design, make, test and evaluate two projects: an acrylic clock and a roof structure. During these projects, pupils will learn to develop their idea-generation skills, ICT skills and research techniques. In the workshop, pupils will continue to develop their practical skills with emphasis on testing, function, accuracy, quality of finish and safety.</p>
GEOGRAPHY	<p>PLATES, EARTHQUAKES AND VOLCANOES</p> <p>Pupils will learn about the Earth's tectonic plates and the effects of earthquakes and volcanoes on people's lives.</p>
HISTORY	Pupils will continue their study of Medieval Realms, looking at the struggles throughout the Middle Ages; Becket and the Peasants' Revolt; Magna Carta and the Black Death.
ICT	Our first unit this term focuses on control, using Flowol and Imagine to control devices. Students will learn to use loops and some will create subroutines. For the second unit of the term, students will look at data handling, using and creating Access databases.
MODERN FOREIGN LANGUAGES	Pupils will be learning how to say which sports and hobbies they enjoy. They will be introduced to some places to go in town and will get the opportunity to start using the past tense.
MUSIC	Pupils will be following the Music Express scheme on "Musical Structure": this will develop the use of musical contrasts in their work. Pupils will work in groups to develop and perform their own composition in ternary form.
PE	All classes will have two one-hour lessons per week. One will be games and the other will be PE. Where classes are paired for games, boys will do hockey and basketball, whereas girls will do basketball and soccer. Where classes are grouped in threes for games, soccer and hockey will be taught to the boys' group, basketball will be taught to the girls' group. The mixed group will be taught rugby, soccer and basketball. In PE, classes will alternate between gymnastics and dance for one half-term each.
PSHCE	Pupils will explore issues relating to solvent abuse, alcohol and smoking, looking at their effects on health, and attitudes towards these forms of drugs. They will examine the pressures young people come under to take these drugs and work on developing their own strategies to resist being drawn into drug-abuse. They will look at issues to do with self-esteem, their own body images and those portrayed by the media, as well as the choices they can make to ensure they stay healthy.
RE	Pupils will explore what Christians believe about Jesus and why they believe his teachings are still relevant to today's society.

## HENLOW MIDDLE SCHOOL

### SPRING 2012 - YEAR 8

<b>SPRING 2012 - YEAR 8</b>	
<b>ENGLISH</b>	<p>Pupils will continue to have four hours of English each week. They will undertake a module of work entitled 'Gothic Horror' which will include the study of either the novel 'Dracula' or the play script 'Frankenstein'. Pupils will have the opportunity to write creatively, perform and produce a movie trailer using 'Movie Maker'. They will also be studying a new media module based on this topic.</p> <p>In the latter part of the term, pupils will begin their work on Shakespeare. They will have the opportunity to explore his life and the times in which he lived. This work will continue into the Summer Term.</p> <p>Pupils will have one English homework set each week, which should take approximately 45 minutes to complete. Regular personal reading is encouraged.</p>
<b>MATHS</b>	<p>Pupils will have four hours of mathematics. All pupils will work on calculation skills, both mentally and in standard written form. They will continue to cover multiplication, division, the uses of fractions, decimals and percentages, with emphasis on calculating percentage increases and decreases. They will use formulae, functions and mapping to plot the graphs of linear functions. They will explore shape and space and investigate enlarging 2D shapes, using scale factors. Pupils will undertake an investigation that concentrates on how to extract information and represent data using a variety of statistical methods. Homework will be a task of approximately 45 minutes that will be set each week.</p>
<b>SCIENCE</b>	<p>Pupils will have three hours of Science a week in mixed ability groups. Pupils will study Physics i.e. aspects of light and sound, heat transfer and magnetism. They will also study Chemistry i.e. Atoms, Elements, Compounds and Mixtures. Pupils will also study about the Changing Earth (Rocks). Topic order will vary from class to class. Wherever possible, small group practical activities will be used to deliver or illustrate How Science Works. Weekly homework tasks will vary in style and may include answering set questions, planning practical work, reporting on observations and researching scientific issues. Approximately 45 minutes should be devoted to each Homework task. End of module tests are taken which are based on KS3 SATs questions.</p>
<b>ART &amp; TEXTILES</b>	<p>Pupils will examine the work of Cubist artists and produce a body of work that includes tonal drawing, collage and three-dimensional making. This project will introduce pupils to a more contextual approach to Art and Design learning, giving them a taste of things to come. Pupils will also research artists and the Cubist art movement, using a variety of search engines on the Internet. In addition, this year we are completing a bridging project/art exam that follows GCSE-style research, preparatory studies and extended drawings. This will offer pupils a real feel for Upper School studies.</p> <p>In textiles, pupils will be making print blocks to explore Indian textiles. Here, they will be looking at motif and pattern repetition and they will have the</p>

	opportunity to print their own designs onto fabric. They will experiment with hand-sewing techniques, such as appliqué and embroidery.
DESIGN & TECHNOLOGY	<p><u>Food Technology</u> Pupils will study Health &amp; Safety in food preparation, focussing particularly on catering for their family and larger groups. They will follow recipes from the "Licence to Cook" course, including ratatouille, a Thai curry, risotto and a Dutch Apple cake. They will complete assessments in "Basic Cooking Skills", "Wise Food Shopping" and "Hygiene and Safety" and take a practical skills test. They will also have the opportunity to design and make two dishes for a Year 8 Buffet after School, to which they can invite their family.</p> <p><u>Craft Design and Technology</u> Pupils will design, make &amp; evaluate a mechanical toy. Pupils will continue to develop their design skills, demonstrating their ideas using 2D/3D drawings. In the workshop, they will continue to develop their practical skills with emphasis on time management, function, quality of finish, working independently &amp; safely.</p>
GEOGRAPHY	<p><b>URBAN LIVING</b> Pupils will develop further their knowledge and understanding of settlement patterns and especially those of cities. Social and environmental issues will be investigated.</p>
HISTORY	Britain 1500-1750: Pupils will develop enquiry skills through studying the impact of changes in society and their impact on the common people; Native American Indians and the impact of the white man on their civilization; power struggles of Church v Monarch in the Tudor period; Reformation; Catholic/Protestant see-saw and the reasons behind the Civil War.
ICT	Pupils will use an Access database, by looking at the residents of Henlow in Victorian times, using census data and interrogating the database to test hypotheses. They will present their findings to specific audiences.
MODERN FOREIGN LANGUAGES	This term, Year 8 pupils will finish their topic about going to the café and food & drink. They will then move on to describing the weather and then their daily routine. Oral presentations will become a focus and extended creative writing skills will also be practised.
MUSIC	Pupils will be working on Indian Music. This unit will introduce the features of Indian Music, such as Raga, Tala and Drone. They will then combine them into a whole class composition which will then be used for a formal written evaluation. Assessment will include a performance and written evaluation, including marks for key vocabulary.
PE	All classes will have two one-hour lessons per week. One will be games and the other will be PE. Where classes are paired for games, boys will do hockey and basketball, whereas girls will do basketball and soccer. Where classes are grouped in threes for games, basketball and hockey will be taught to the boys' group, soccer and basketball will be taught to the girls' group. In PE, classes will alternate between gymnastics and dance for one half-term each.
PSHCE	Pupils will work on issues relating to drugs, focusing particularly on illegal substances, their effects and why people misuse them in sport and in society in general. They will learn about the law, regarding illegal substances and about agencies that can provide help, advice and support if they have concerns about themselves or friends. Pupils will also learn about government, the British parliamentary structure, political parties and elections.
RE	Pupils will explore some of the main beliefs and practices of Islam.