

## TKC Year 9 Curriculum – 2016/17

SMSC is a focus at TKC within assemblies and character development sessions, as well as numerous subject areas within the curriculum. This includes learning about British values, mutual respect, and tolerance of those with different faiths.

Subject	HT1	HT 2	HT 3	HT 4	HT 5	HT6
	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
<b>Art</b>	Portraits influenced by time	Portraits influenced by time	Portraits influenced by time	Birds with Issues	Cells Project - Mixed media	Cells Project - Mixed media
<b>Computing</b>	<p><b>Creating a calculator – Using Scratch</b> Variables, Flowcharts (conditions, decisions) selections, procedures, functions, operations, debug, commenting.</p>	<p><b>Understand the basics of Python</b> <i>Strings, variables, if, else, elif, input, comments, and conditions, print, integer, float, calculations, Boolean, wait, loop.</i> Flowcharts (conditions, decisions) selections, procedures, functions, operations, debug.</p> <p><b>Programming a quiz using Python</b> <i>Abstraction, variables, decomposition, procedures, functions, generalisation, debugging</i></p> <p style="text-align: center;"><b>ASSESSMENT</b></p>		<p><b>Binary Denary Binary Hexadecimal Output Logic Gates Sequences Units Base numbers</b></p> <p><i>Storing data, strings, integer, binary, decimal, counting, converting, bit, byte, addition, overflow</i></p>	<p><b>System Architecture</b> <i>CPU, MAR, MDR, EPROM, Input, Output, Memory, Von Neumann Architecture</i></p>	<p><b>Computer Networks</b> <i>stand-alone computers, local area network, hub/switches, wireless access, client-server ring, bus, star network topologies</i></p>
<b>Design Technology (Food)</b>	<p>Health and safety principles and the 4c's Revisit, Eatwell plate Factors to consider when planning a meal Different populations meal choices Preliminary look at health issues associated with diet How to cook rice, white rice versus brown rice Alternatives to rice Dietary needs from tots to teenagers</p>	<p>Consumer confidence Food assurance schemes Traceability, sustainability, Food security Soil association Revisit vegetable preparation, knife skills dividing, shaping, baking Functional and nutritional functions of ingredients in pizza toppings</p>	<p>Rubbing-in method, roll, shape, fill a pastry case Use of oven Function of fat/shortening Water on the flour-gluten Creaming method, preparing a baking tin &amp; baking Aeration of the mixture Use of hand mixer Folding in All in one sauce method</p>	<p>Revise grill, seasoning, cooking pasta &amp; draining pasta Carry out a sensory analysis on the dish Dietary needs of specific groups eg coeliac, lactose intolerant Labelling types &amp; the law Adapt a recipe to suit a specific dietary need</p>	<p>Food hygiene &amp; safety The 4 C's Create a menu &amp; calculate cost of dish Plan &amp; modify a suitable dish to be prepared &amp; cooked (Last lesson of Yr 9) Use of raw chicken in food &amp; T' probe Comparative product evaluation: Chilled ready meals Plan for Thai green curry</p>	<p>Use of raw poultry revised, vegetable preparation, sauce preparation, cooking &amp; draining rice Evaluation of dish Prepare, cook &amp; serve own design dish Use nutritional programme to analyse nutrients and print a label Look back and evaluate learning journey in KS3: cooking, nutrition,</p>

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	Focus on value of pasta in the diet Types available commercially <b>Practicals</b> Two egg challenge Classic Ragu sauce Spicy tomato soup	<b>Practicals</b> Bread rolls or Pizzas Pasta Bolognaise or macaroni cheese	Layering of ingredients, hob & oven <b>Practicals</b> Dutch apple cake Mini fruit cake Mini Victoria sponge	Topping of cottage pie – possible alternative options Filling options to consider. <b>Practicals</b> Short crust pastry Savoury Quiche Cottage Pie	<b>Practicals</b> Chicken Fajitas Sweet and sour chicken meat balls	ingredients and being creative <b>Practicals</b> Vegetable chilli and rice Smoked fish and sweet potato gratin
<b>Design Technology (Resistant Materials)</b>	<u>Illuminations</u> Task analysis, Research, Specification, Design ideas,	<u>Illuminations</u> development and modelling Technical skills- Manufacturing, CAD CAM Manufacturing Techniques	<u>Clocks</u> CAD 3D printing Evaluation Smart Materials Manufacturing Techniques	<u>Speaker</u> Smart and modern Materials, Modelling materials, CAD CAM Electronics	<u>Speaker</u> Designing and development, advance Electronics, Input process output Planning Manufacturing	<u>Speaker</u> Manufacturing Testing and modification evaluation
<b>Design Technology (Textiles)</b>	Doorstop Dogs Moodboard Block pattern Applique/beading Construction Detailed production plan Quality control	Doorstop Dogs Moodboard Block pattern Applique/beading Construction Detailed production plan Quality control	Designer project Fabrics and fibres presentation and research projects These are run as the theory part of yr 9	Pyjama's Customer commercial patterns Pattern Development Human measurements Construction Button holes Over locker Patch pocket	Pyjama's Customer commercial patterns Human measurements Construction Button holes Over locker Patch pocket	Pyjama's Customer commercial patterns Human measurements Construction Button holes Over locker Patch pocket.
<b>Drama</b>	Crime and Punishment	Blood Brothers	Physical Theatre	Physical Theatre	Film	Film

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<b>English</b>	<b>Novel Study</b> Of Mice and Men Private Peaceful	<b>Reading and Writing Non-Fiction</b>  Review – magazine article Leaflet ; speech; report Formal and informal letters Newspaper articles Travel Writing	<b>Shakespeare</b>  Romeo and Juliet <i>Characters</i> <i>Context</i> <i>Themes</i> <i>Language</i>	<b>Poetry (Pre-1914 &amp; Post-1914)</b>  Structure & Language Individual poems & comparison of poems 2 – Advice to a Teenage Daughter and Nettles/Advice to City Friends 2 - Dulce et Decorum Est and Who's for the Game? 2 – The Ballad of the Totems and Memory Others <b>Questions on two poems studied in class.</b>  <b>Comparison of two Unseen poems</b>	<b>Play Study</b>  War Horse Our Day Out Free Face Fast  <i>Themes; characters; social &amp; historical context; practise essay writing; inference &amp; deduction; context questions; language &amp; structure.</i>	<b>Reading and Writing – Fiction</b>  <i>Characters; setting, plot, narrative perspective; dialogue, etc.</i>
	<b>Formative Assessment</b>	<b>Context Question on an extract from text.</b>	<b>Questions on two media texts.</b>	<b>Context Question on The Prologue.</b>	<b>Questions from extract from chosen play.</b>	<b>Formal testing</b>
	<b>Summative Assessment</b>	<b>Writing on a character using PEE.</b>	<b>Writing a fspeech.</b>	<b>Mini CA on theme/ character.</b>	<b>Writing a review of play studied.</b>	
<b>Geography</b>	Climate change	Population and urbanisation	Coasts	Development	Geography of Disease	Tectonic Hazards
<b>History</b>	World War One	Life in Nazi Germany	The Holocaust	World War Two	The Cold War	Post War Britain
<b>Mathematics</b>	Statistics - Averages and Spread - Charts and Tables	Number Algebra - Expressions - Equations - Formulae	Number - Percentages - Extension Proportion	Shape and Angles Coordinates, functions and graphs	Pythagoras Trigonometry Geometry and Measure Algebra Sequences	Probability Geometry and Measure - Perimeter, Area, Volume

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<b>MFL (French)</b>	<u>Ma vie sociale d'ado</u> Media	<u>Bien dans sa peau</u> Health	<u>À l'horizon</u> Jobs	<u>Spécial vacances</u> Holidays	<u>Moi dans le monde</u> The world around me	<u>Francophonie</u> French speaking countries
<b>MFL (Spanish)</b>	<u>Los medios de comunicación</u> Media	<u>La salud</u> Health	<u>El instituto</u> School	<u>Ganarse la vida</u> Money and Jobs	<u>Hispanoamérica</u> Latin America	<u>Mi casa es tu casa</u> Visiting a Spanish family
<b>Music</b>	Modern Music	Modern Music	Performing	Minimalism	Film Music	Music for Stage and Screen
<b>PE</b> * Activities are taught in a rotation so the order may be different	Netball Fitness Rugby Badminton	Gymnastics Basketball Dance Volleyball	Football Badminton Handball Netball/Rugby	Football Badminton Handball Netball/Rugby	Cricket  Rounders	Athletics  Alternative
<b>RE</b>	War and Peace	Philosophy and Ethics	Betrayal, Death and Resurrection	Pilgrimage	Newspaper and Blog: Christianity and Islam	Start GCSE RS
<b>Science</b>	KS4 Transition SoW	Biology topic 1 Chemistry topic 1 and 2 Physics topic 1	Biology topic 1 Chemistry topic 2 and 3 Physics topic 2	Biology topic 1 Chemistry topic 4 Physics topic 2	Biology topic 2 Chemistry topic 5 and 6 Physics topic 3	Revision End of year exams Intervention for topics already covered.
<b>Inclusion (Life/Social Skills)</b>	<b>Eating and nutrition</b> <b>Descriptors:</b> 1(a-c), 2(a-c), 3(a-c), 4(a-c), 5(a-c), 6(a-c), 7(a-c), 8(a-c), 9(a-c) <b>Exercise, health &amp; hygiene</b> <b>Descriptors</b> 1(d-h), 2(d-h), 3(d-i), 4(d-h), 5(d-h), 6(d-h), 7(d-h), 8(d-h), 9(d-g)	<b>Road safety</b> – getting to school <b>Descriptors:</b> 1(b), 2(b), 3(b), 4(b), 5(b), 6(b), 7(b), 8(b), 9(b) <b>Internet safety</b> – social media, bullying <b>Descriptors:</b> 1(c), 2(c), 3(c), 4(c), 5(c), 6(c-d), 7(c), 8(c), 9(c)	<b>Life Choices</b> <b>Descriptors:</b> 1(j-o), 2(j-o), 3(l-p), 4(k-p), 5(k-o), 6(k-o), 7(k-o), 8(j-n), 9(j-n)	<b>Sexual issues</b> <b>Descriptors:</b> 1(p-s), 2(p-s), 3(q-t), 4(q-t), 5(p-s), 6(p-s), 7(p-s), 8(o-r), 9(o-r)	<b>Sexual issues</b> <b>Descriptors:</b> 1(p-s), 2(p-s), 3(q-t), 4(q-t), 5(p-s), 6(p-s), 7(p-s), 8(o-r), 9(o-r) <b>Study skills, preparing for exams</b> Revision timetables <b>Descriptors:</b> 1(t), 2(t-u), 3(u), 4(U), 5(t), 6(t-u), 7(t), 8(s), 9(s)	<b>Study skills, preparing for exams</b> <b>Descriptors:</b> 1(u), 2(v), 3(v), 4(v, w), 5(u-v), 6(v-w), 7(u), 8(t), 9(t)

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<b>Support Studies (Literacy Skills)</b>	Accelerated reader  To improve the reading age of students and enhance their reading comprehension, analysis and inference.	Accelerated reader  To improve the reading age of students and enhance their reading comprehension, analysis and inference.	Accelerated reader  To improve the reading age of students and enhance their reading comprehension, analysis and inference.	Accelerated reader  To improve the reading age of students and enhance their reading comprehension, analysis and inference.	Accelerated reader  To improve the reading age of students and enhance their reading comprehension, analysis and inference.	Accelerated reader  To improve the reading age of students and enhance their reading comprehension, analysis and inference.
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