

TKC Year 7 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 AUTUMN 1	HT 2 AUTUMN 2	HT 3 SPRING 1	HT 4 SPRING 2	HT 5 SUMMER 1	HT6 SUMMER 2
Art	Self Portraits & Colour Theory	Self Portraits & Colour Theory	Insect – Pen & ink mark making	Insect – printing techniques	Islamic Art – repeat pattern	Islamic Art – clay tiles
Computing	Under the hood Unit 1 – Parts of a computer system <i>Data, compute, functions, CPU</i>	Unit 2 –Code Breakers (Binary) <i>Decimal, binary, units</i>	Think like a computer scientist Unit 3 – Algorithms (flowcharts) <i>Decompose, Algorithm, Computational Thinking, flowcharts, sequences</i>	Unit 4 – Shapes, patterns & algorithms <i>Abstraction, generalisation, geometrical shapes, patterns, algorithm, decomposition, co-ordinates, iteration, text-based programming (1st), graphical programming language (2nd).</i>	Unit 5 - Creating animation Algorithms – sequences, iteration, procedures & selection <i>Pattern identification, model, algorithm, dry run, execute, sequence, iteration, procedures, functions, selection,</i>	Unit 6 – Little Man Computer (LMC) <i>Input, storage, process, output, high-level programming language, machine instructions, operator, operand, assembly language, accumulator, variable, dry run, CPU, memory</i>

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<p>Design Technology (Food)</p>	<p>Hazards in Food room Personal hygiene Sensory descriptors Names & use of basic equipment Knife skills Washing of fruit & vegetables Product comparison: salad dressings Properties of oil and vinegar Introduction to Fruit & vegetables & Eatwell plate 8 tips for healthy eating Comparative product evaluation: soup</p> <p>Practicals Fruit fusion Deli salad with homemade dressing</p>	<p>Use of the hob Weighing & measuring Peeling, chopping, slicing Sauté (frying) Boil Simmer Effect of cooking on texture & taste Starchy foods & Eatwell plate Energy balance Effect of life style and culture Effect of heat on starch Grilling Rubbing in method</p> <p>Practicals Ratatouille Savoury crumble</p>	<p>Milk & dairy products & Eatwell plate Multicultural use of dairy products Comparative product evaluation: Yoghurts Variety of sensory evaluation techniques Grate Slice tomato Modify product: cheese type Price & portion size Meat, fish, eggs, beans & Eatwell plate Origin of these foods Vegetarian options Effect of heat</p> <p>Practicals Pizza toast Smoothie</p>	<p>Shaping & coating fish Use of oven Zester Cracking & beating an egg Effect of heat Comparative product evaluation: muffins Modify a recipe Consider the function of main ingredients Write a simple specification Mixing, folding, dividing a mixture Revisit specification</p> <p>Practicals Fish goujons Breakfast muffins</p>	<p>Factors which affect food choices Nutritional needs of teenagers Planning and preparing a suitable main meal Stir fry Vegetable preparation Chicken & cross contamination Crush garlic Use of colander Controlling heat Evaluate finished product Use of herbs & spices, seasoning</p> <p>Practicals Stirfry Curry in a hurry</p>	<p>Combining, shaping, grilling revised Core T cooked foods Modification of recipes Skills necessary for planning & preparing a meal for a teenager Consider progress of all sections covered over the year: cooking, nutrition, ingredients and being creative.</p> <p>Practicals Koftas, spicy Falafals Own choice meal for teenager</p>
<p>Design Technology (Resistant Materials)</p>	<p><u>Mechanical toy</u> Safety; Type of motions Basic hand tools Wood properties, wood shaping Oblique projections</p>	<p><u>Mechanical toy</u> Wood properties, wood shaping, Types of mechanisms</p>	<p><u>Clock project</u> Properties of plastic, Vaccum forming Shaping plastic</p>	<p><u>Car project</u> Systems and control, Design ideas</p>	<p><u>Car project</u> CAD CAM (vinyl cutter), testing and evaluation</p>	<p><u>Mobile phone holder</u> Shaping plastics, Properties of plastics CAD CAM (vinyl cutter), testing and evaluation</p>
<p>Design Technology (Textiles)</p>	<p>Sea life cushion using fleece Polar fleece construction</p>	<p>Sea life cushion using fleece Polar fleece construction and properties applique</p>	<p>Door hanger project Reflective tape Denim Embroidery Applique construction</p>	<p>Door hanger project Reflective tape Denim Embroidery Applique construction</p>	<p>Door hanger project Reflective tape Denim Embroidery Applique construction</p>	<p>Door hanger project Reflective tape Denim Embroidery Applique construction</p>

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Drama	Introduction To Drama	Circus	Silent Movies	Silent Movies	Jeff	Fairytales
English	Novel Study Boy Millions Room 13 Boy in the Striped Pyjamas Holes Vicky Angel <i>(character sketches; PEE; Prediction; Inference and deduction; changing the ending)</i>	Media and non-fiction Text Form – articles, webpages, blogs, leaflets, speeches, letters, etc. Audience Purpose – argue, persuade, advise, etc. Presentational features	Myths and Legends (Pandora’s Box – Myth; Death of Gelert – Legend; Persephone; The Elephant’s Child – Creation myths) Research Legends – Yeti/ Bunyup/ Loch Ness; Maui catching the Sun	Intro to Shakespeare Shakespeare’s England Shakespeare’s Language The Globe Tempest – booklet Macbeth Romeo and Juliet Sonnets	Poetry Limericks; Shape; Lantern; Rap; Ballads; Sonnets; Haiku; Nonsense <i>(structural features, rhyme, rhythm, simile, metaphor, alliteration, personification, onomatopoeia)</i>	The Island Project Diary entry, writing instructions, newspaper article, script writing, interview with Juliene Koepcke from <i>Crash in the Jungle</i> & descriptive writing
Formative Assessment	Questions on extract from novel.	Questions on text re: use of language.	Questions on King Midas.	Questions on Shakespeare’s All the World is a Stage	Questions on–<i>The Day the Dragons Won the Lottery</i>	Questions on extract – <i>The Island with Bear Grylls</i>
Summative Assessment	Writing a Book Review	Writing a Newspaper Article	Writing a Story	Writing an Obituary	Anthology of own poems written in different styles.	<i>Descriptive Writing</i>
Geography	Introduction to Geography	Tropical Rainforest	Settlement	Farming and Food	Weather and climate	Waste
History	What is History?	Norman Conquest & Norman England	Medieval England	The Crusades	Crime & Punishment through time (pre 1066-present day)	

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Mathematics	Calculating Calculating: division Numbers and the number system	Visualising and constructing Investigating properties of shapes Algebraic proficiency: using formulae Exploring fractions, decimals and percentages	Exploring fractions, decimals and percentages Proportional reasoning Pattern sniffing Measuring space	Investigating angles Calculating fractions, decimals and percentages (focus on fractions)	Calculating fractions, decimals and percentages (focus on percentages) Solving equations and inequalities Calculating space Checking, approximating and estimating	Mathematical movement Presentation of data Measuring data
MFL (French)	<u>C'est parti</u> Personal information Classroom instructions Dictionary skills	<u>Ma journée</u> School Daily routine	<u>Famille et copains</u> Family and friends	<u>Chez moi</u> At home	<u>On va en ville</u> In the city	<u>On s'amuse</u> Free time
MFL (Spanish)	<u>¡Vamos!</u> Personal information Classroom instructions Dictionary skills	<u>En el instituto</u> School	<u>Mi familia</u> Family and friends	<u>En casa</u> At home	<u>En la ciudad</u> In the city	<u>El tiempo libre</u> Free time
Music	The Elements	Ensemble Performing	Carnival of the Animals	Ragtimes	Composing a Melody	Group Work
PE * Activities taught in a rotation so order of activities may be different	Sport Education Netball/Rugby	Fitness Basketball Dance Gymnastics Netball/Rugby	Football Badminton Handball Netball/Rugby	Football Badminton Handball Netball/Rugby	Rounders Cricket	Athletics Alternative

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RE	Primary Catch Up	Exodus	Buddhism and Power	The Gospels	Community	Heroes and Leaders
Science	Introduction to Science Particle Theory	Cells, Tissues & Organs Energy Resources	Food and digestion Acids and Alkalis	Sound Rocks	Reproduction Electrical Circuits	Ecology Investigations
GOAL (Life/Social Skills)	Boost Descriptors: 2(g-l), 3(g-l), 4(g-l)	Transition – Expectations Descriptors: 1(a), 2(a), 3(a), 4(a), 5(a), 6(a), 7(a), 8(a), 9(a)	Relating to others Descriptors: 1(e), 2(e), 3(e), 4(e), 5(e), 6(f), 7(e), 8(e), 9(e)	Relating to others Descriptors: 1(e), 2(e), 3(e), 4(e), 5(e), 6(f), 7(e), 8(e), 9(e) Problem solving - Handling problem situations & making decisions Descriptors: 1(d), 2(d), 3(d), 4(d), 5(d), 6(e), 7(d), 8(d), 9(d)	Road safety – getting to school Descriptors: 1(b), 2(b), 3(b), 4(b), 5(b), 6(b), 7(b), 8(b), 9(b) Internet safety – social media, bullying Descriptors: 1(c), 2(c), 3(c), 4(c), 5(c), 6(c-d), 7(c), 8(c), 9(c)	Study skills, preparing for exams Descriptors: 1(u), 2(v), 3(v), 4(v, w), 5(u-v), 6(v-w), 7(u), 8(t), 9(t)
GOAL (Literacy Skills)	Punctuation: Commas Exclamation marks Question marks Inverted commas Apostrophes Colons Semi-colons.	Reading: Understand, describe, select or retrieve information, events or ideas from texts and use quotation and reference to text. Deduce, infer or interpret information, events or ideas from texts. Explain, comment on and analyse how writers use language and structure to achieve effects and influence readers, using relevant subject terminology to support their views. Explain and comment on writers' use of language, including grammatical and literary features at word and sentence level.	Parts of Speech: Nouns Verbs Adverbs Adjectives Pronouns, Prepositions	Spellings: Strategies Homophones Silent letters Vowels Consonants	Writing: Sentence types Sentence structures Active sentences Passive sentences Sentence construction Word order	Vocabulary: Synonyms Avoid repeating words House words Improving sentences Improving vocabulary

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