English International School
Moscow

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	Autumn Term	Spring Term	Summer Term
English	To engage in Grammar and Punctuation activities to build vocabulary and strengthen their skills To examine the nature and structure of poetry with a focus on Ballads and how to respond to them. Students will be able to identify key technical terms and will become aware of them in their development of this genre. They will be introduced to a variety of poems, limericks and other forms of poetry	Grammar and punctuation will continue to be stressed. Students will focus on various activities that will strengthen their writing and how to respond to a writing exercise Students will read a chosen book to read as a class and then to identify and understand the skill of reading in relation to the written word and how to respond accordingly.	This term will see the students engaged in reading and responding to a play and will become aware of the technical terms. They will also practice developing speaking and listening skills by writing and performing their own play.
Maths	1. **Number:** Integers Estimate, add and subtract negative and positive integers; understand lowest common multiple and highest common factor; knowledge of tests of divisibility to find factors; understand the relationship between squares and square roots. 2. **Algebra:** Sequences, expressions and formulae	1. **Number:** Fractions Recognise that fractions, terminating decimals and percentages have equivalent values; understand the relative size of quantities to compare and order fractions, using the symbols =, ≠, > and <; estimate and add mixed numbers, and write the answer as a mixed number in its simplest form; estimate, multiply and divide	1. **Number:** Ratio and proportion Understand and use the unitary method to solve problems involving ratio and direct proportion in a range of contexts; use knowledge of equivalence to simplify and compare ratios (same units); understand how ratios are used to compare quantities to divide an amount into a given ratio

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	Understand term-to-term rules, and generate sequences from numerical and spatial patterns (linear and integers); understand and describe nth term rules algebraically (in the form n ± a, a × n where a is a whole number); understand that a function is a relationship where each input has a single output; generate outputs from a given function and identify inputs from a given output by considering inverse operations (linear and integers); understand that letters can be used to represent unknown numbers, variables or constants; understand that a situation can be represented either in words or as an algebraic expression, and move between the two representations; understand that a situation can be represented either in words or as a formula (single operation), and move between the two representations. 3. **Number:** Place value, ordering and rounding Use knowledge of place value to multiply and divide whole numbers and decimals	proper fractions; use knowledge of common factors, laws of arithmetic and order of operations to simplify calculations containing decimals or fractions. 2. **Geometry:** Symmetry Identify and describe regular polygons, including reference to sides, angles and symmetrical properties; identify and describe the combination of properties that determine a specific 3D shape; identify reflective symmetry and order of rotational symmetry of 2D shapes and patterns. 3. **Algebra:** Expressions and equations Understand that the laws of arithmetic and order of operations apply to algebraic terms and expressions (four	with two parts. 2. **Measurement:** Time Understand and use 12-hour and 24-hour clocks; interpret timetables; calculate time intervals; draw and interpret graphs in real-life contexts involving more than one stage, such as travel graphs; understand and use everyday systems of measuring time. 3. **Handling data:** Probability Use the language associated with probability and proportion to describe, compare, order and interpret the likelihood of outcomes; understand and explain that probabilities range from 0 to 1, and can be represented as proper fractions, decimals and percentages; identify all the possible mutually exclusive outcomes of a single event, and

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	by any positive power of 10; understand the relative size of quantities to compare and order decimals, using the symbols =, ≠, > and <; round numbers to a given number of decimal places; estimate, add and subtract positive and negative numbers with the same or different number of decimal places; estimate, multiply and divide decimals by whole numbers. 4. **Measurement:** Length, mass and capacity Use abbreviations for the metric units of length, mass and capacity; convert between kilometres, metres, centimetres and millimetres; convert between tonnes, kilograms and grams; convert between litres and millilitres; choose suitable units of measurement to estimate, calculate and solve problems in everyday contexts; read the scales on a range of measuring instruments; understand everyday systems of measurement and use them to estimate, measure and calculate.	operations); understand how to manipulate algebraic expressions including collecting like terms and applying the distributive law with a constant; understand that a situation can be represented either in words or as an equation. Move between the two representations and solve the equation (integer coefficients, unknown on one side); understand that letters can represent an open interval (one term). 4. **Handling data:** Averages Use knowledge of mode, median, mean and range to describe and summarise large data sets; choose and explain which one is the most appropriate for the context; compare two simple distributions, using the range and the mode, median or mean.	recognise when they are equally likely to happen.; understand how to find the theoretical probabilities of equally likely outcomes; design and conduct chance experiments or simulations, using small and large numbers of trials; analyse the frequency of outcomes to calculate experimental probabilities. 4. **Geometry:** Position and movement Use knowledge of translation of 2D shapes to identify the corresponding points between the original and the translated image, without the use of a grid; reflect 2D shapes on coordinate grids, in a given mirror line (x- or y-axis), recognising that the image is congruent to the object after a reflection; rotate shapes 90° and 180° around a centre of

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	5. **Geometry:** Angles Recognise the properties of angles on parallel lines and transversals, perpendicular lines, and intersecting lines; know that the sum of the angles around a point is 360º and use this to calculate missing angles. 6. **Handling data:** Planning and collecting data Select and trial data collection and sampling methods to investigate predictions for a set of related statistical questions, considering what data to collect (categorical, discrete and continuous data); understand the effect of sample size on data collection and analysis; record, organise and represent categorical, discrete and continuous data; choose and explain which representation to use in a given situation from Venn diagrams, tally charts, frequency tables and two-way tables, frequency diagrams for continuous data, line graphs, scatter graphs, info-graphics.	5. **Number:** Percentages Recognise percentages of shapes and whole numbers, including percentages less than 1 or greater than 100. 6. **Geometry:** Constructions Draw parallel and perpendicular lines, and quadrilaterals; sketch regular polygons. 7. **Algebra:** Graphs Understand that a situation can be represented either in words or as a linear function in two variables (of the form y = x + c or y = mx) and move between the two representations; recognise straight-line graphs parallel to the x- or y-axis; read and interpret graphs related to rates of change and explain why they have a specific shape.	rotation, recognising that the image is congruent to the object after a rotation; understand that the image is mathematically similar to the object after enlargement. Use positive integer scale factors to perform and identify enlargements. 5. **Measurement:** Area, perimeter and volume Understand the relationships and convert between metric units of area, including hectares (ha), square metres (m^2), square centimetres (cm^2) and square millimetres (mm^2); derive and know the formula for the area of a triangle; use the formula to calculate the area of triangles and compound shapes made from rectangles and triangles; use knowledge of area, and properties of cubes

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			and cuboids to calculate their surface area; derive and use a formula for the volume of a cube or cuboid; use the formula to calculate the volume of compound shapes made from cuboids, in cubic metres (m^3), cubic centimetres (cm^3) and cubic millimetres (mm^3). 6. **Handling data:** Interpreting and discussing results Interpret data, identifying patterns, within and between data sets, to answer statistical questions. Discuss conclusions, considering the sources of variation, including sampling, and check predictions.
Russian NON-NATIVE	• develop the ability to listen to and understand short passages • be able to give answers to simple | difficult and long questions with correct pronunciation • read and respond to different types of written language • be able to write sentences with some help and begin to develop ideas and give opinions • understand and apply a range of vocabulary and structures		
	• politeness formulas • numbers to 100	domestic animals •zoo animals	• answer the question «from where? »

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	• number of phones, address • food and drink • colors • members of the family • direction of movement • time-of-day, days of the week, timetable	•answer the question «where? » •answer the question «where to go? » •answer the question «when»? •answer the question «How much many»? •indicate to the missing object	•count money and pay at the store •city museum •seasons and months •numbers to 2000 •go shopping •food, dishes •cook food •tableware
Russian native	**Students will be able:** • to improve on grammar and writing skills • to improve on spelling skills and self-correction • to improve on reading and analysis skills • to enrich their vocabulary		
	<u>Spelling (revision):</u> • Unstressed vowels, paired consonants, unsounded consonants, Ъ and ь • Unstressed noun-endings • Case endings of adjectives <u>Syntax and Punctuation:</u> • Types of sentences • Principal and Secondary Sentence Parts	<u>Lexis (revision):</u> • Polysemantic words • Direct meaning and figurative meaning of words • Homonyms, Synonyms and Antonyms <u>Spelling:</u> • Letters А-О in roots ЛАГ-ЛОЖ, РАСТ – РОС	<u>Verb:</u> • Tense, infinitive, aspect • Verb conjugation and spelling of verbs' personal endings • Negative particle НЕ • ТСЯ and ТЬСЯ • Soft sign at the end of verbs

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	• Dash between Subject and Predicate • Coordinate parts of the sentence and punctuation marks between them	• Letters Ё-О after Ж, Ч, Ш, Щ and Ц • Letters Ы-И after Ц Parts of speech (revision): • Noun • Adjective	
Science	**Physics** **A) Energy Transformations** • Ideas about energy • Exploring energy transformations • Wasted energy • Conservation of energy. Energy efficiency • Energy in food • Producing electricity • The future of energy sources **B) Forces and their effects** • What are forces? • Frictional forces • Dealing with friction • Forces in balance • Gravity and weight • Moving through fluids • Stretching and squashing • Measuring density	**Chemistry** **A) States of Matter** Specific Objectives Describe a simple particle model for matter, recognizing: • the size, arrangement, proximity, attractions, and motion of particles in solids, liquids and gases • the relationship between heating and movement of the particles. Use the simple particle model to explain: • why solids and liquids are much less compressible than gases • why heating causes expansion in solids, liquids and gases	Biology A) Cells and Organisms • Structure of cells and organisms • Characteristics of cells • Micro-organisms- use of bacteria, yeast B) Variation and Classification • The naming of organisms according to characteristics • Animal kingdom- Vertebrate and invertebrate • Plant Kingdom C)Plants and Human as Organisms • The human body • Functions and structure of organs and systems

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	• Up-thrust, floating and sinking **C)The Earth and beyond** • Movement of the Earth • Planetary motion • Famous scientists	• why diffusion occurs in liquids and gases • why air exerts a pressure • why changes of state occur **B) Simple Chemical Reactions** • identify that some new materials are formed during a chemical reaction • generalize that hydrogen is formed when acids react with metals, carbon dioxide when acids react with carbonates, and oxides when materials burn • describe tests for carbon dioxide and hydrogen • describe burning as a reaction with oxygen. **C)Acids and Alkalis** • name some common acids and alkalis and classify solutions as acidic, alkaline or	• Plants and their structures **Exam preparation**

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		neutral, using indicators and pH values • describe what happens to the pH of a solution when it is neutralized • describe some everyday uses of acids, alkalis and neutralization.	
ICT	**1. Clear messaging in digital media** This unit requires students to use a range of different skills across several pieces of software. Students will work between different applications to create a poster and slides on a given theme. The unit is designed so that students can concentrate on applying skills that they learned in the unit. Students are given clear tasks for which they need to first plan and then implement a solution. A rubric is used to help students focus on specific aspects of their work. **2. Networks from semaphores to the Internet** Imagine a world without computer networks: there would be no more	**3. Using media - gaining support for a cause** Students will develop a deeper understanding of information technology and digital literacy by using their skills across the unit to create a blog post about a real-world cause that they are passionate about and would like to gain support for. **4. Programming essentials in scratch - part 1** The aim of this unit is to build students' confidence and knowledge of the key programming constructs. Importantly, this unit does not	**5. Modelling data using spreadsheets** Students are introduced to the wonderful world of spreadsheets and the concept of cell referencing. They will learn how to collect, analyse, and manipulate data, before turning it into graphs and charts. Data is beautiful! **6. Programming essentials in scratch - part 2** Students will build on their understanding of the control structures' sequence, selection, and iteration (the big three), and develop their problem-

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	YouTube, Google, instant messaging, online video gaming, Netflix, and iTunes; no online shopping; no file sharing; and no central backups of information. This unit begins by defining a network and addressing the benefits of networking, before covering how data is transmitted across networks using protocols.	assume any previous programming experience, but it does offer students the opportunity to expand on their knowledge throughout the unit. The main programming concepts covered in this unit are sequencing, variables, selection, and count-controlled iteration. All of the examples and activities for this unit use Scratch 3.	solving skills. Students will learn how to create their own subroutines, develop their understanding of decomposition, learn how to create and use lists, and build upon their problem-solving skills by working through a larger project at the end of the unit.
PSHE	Citizenship education helps to provide pupils with knowledge, skills and understanding to prepare them to play a full and active part in society. PSHE lessons are aimed to equip pupils with the skills and knowledge to explore political and social issues critically, to weigh evidence, debate and make reasoned arguments. The discussions should also prepare pupils to take their place in society as responsible citizens, support them making right decisions, to be safe, healthy and prepared for life's opportunities. During the year, we discuss a number of topics to enable students to gain confidence in sharing beliefs and opinions within a safe and happy environment. Some discussions during the year include, but are not limited to: • Our Classroom and Tutor group • Substance use and misuse • Friendships • Young people's health • Personal safety • School Politics		

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History	Students will be introduced to William the Conqueror and his impact on the country. They will look at the Battle of Hastings. Create a Bayeux Tapestry. Vote for a King and write a speech to be performed during assembly on one of the four candidates and it is considered as good preparation for persuasive writing later. The focus will also be on the Feudal System and Castles.	Students will examine how the peasants lived and worked. A look at medieval medicine. They will create a timeline of all the monarchs from William 1 to Charles III and identify their principal achievements done as an informative poster/leaflet Midterm assessment	The peasants revolt. A look at the measure of discontent in medieval England and what happened and who was involved. A look at England after the revolt and we will examine whether the revolt achieved anything? Preparation for assessment will include aspects of the course throughout the year.
Geography	**1. Weather and Climate** Explain the difference between climate and weather. -Explain the factors that determine weather and climate. -Explain how some of these factors work together to determine regional climates -Apply symbols to weather conditions	**1. Geography of Russia** Demonstrate an understanding of where Russia is and be able to compare it with other places -Identifying physical features in Russia -Demonstrate an understanding of Russian population compared to other countries Demonstrate an understanding of Russian weather, climate, and natural hazards	**1. Map reading and skills** Know what a map is Explain the purpose of maps Explain types of map scales List and identify the features of a map including the title, compass rose, map key, map scale, inset map, and lines of latitude and longitude Demonstrate an understanding how to locate areas in a map by

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		2. **Rainforest** Know what a rainforest is Outline key facts about rainforests Identifying layers and characteristics of a tropical rainforest	using grid references, compass rose, latitude, and longitude Demonstrate an understanding how to measure distance in a map by using a piece of paper or a thread Demonstrate an understanding of how to draw a cross section in a map
Music	• Understand and recognise the Elements of Music: PITCH, TEMPO, DYNAMICS, DURATION, TEXTURE, • Draw on the Elements of Music as a resource when composing, creating, and improvising and use the Elements of Music effectively when performing and singing. • Recognise the Elements of Music when listening to and appraising music from different times and different places.	• Navigate basic functions around a keyboard e.g., mains power, on/off switch, connecting headphones and splitters, keyboard hygiene etc. • Play simple warm-ups, scales and melodies which has the pitch or note names written on the music	• Recognise Folk Music as a genre distinct from other styles and genres of music. • Understand the structure of simple Folk Songs: Intro, Verse, Chorus/Refrain. • Perform and sing simple Folk Song melodies in unison.

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Drama	In Year 7 pupils will develop a range of skills through the medium of drama. They learn how to express themselves creatively, perform confidently, understand commitment to their role and to others and develop life-long social skills such as cooperation and communication. Through role-play they explore their own beliefs and opinions whilst developing understanding and empathy towards others. Pupils also learn about the history of theatre and how to enjoy drama and theatre as an art form, through script and the appreciation of the work of others.		
	The 5 Elements of Drama Students will be introduced to 5 elements of Drama: form, structure, characterization, convention and acting skills. They will be focusing on characterization and acting skills in the first term. Exploring different forms of role playing, character development and improvisation.	**Fairy Tales** The students will be looking at classic tales but with a twist! Using their knowledge of building and developing characters to present small shows within the classroom. Students will also analyze and adapt stories to explore the motions of story-telling and creative writing.	**Greek Theatre** Students will gain an understanding of Greek theatre practices and style by participating in various exercises and culminating in a performance in the Greek style. Students will also explore the Aristotelian plot structure, as well as showing their knowledge of the Aristotelian plot structure through performing a fairy tale.
PE	**Handball** • Students should be able to perform a basic pass and taking the ball on the run technique and be able to apply these to small –	**Football** • To be able to rally co-operatively with a partner.	**Volleyball** • To perform a basic set-shot accurately and perform the shot in a game situation.

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	sided competitive games and use them to begin to attack. • Rallies should be started with a basic receiving-catching and students should understand ruled regarding the scoring of points. • Ball handling · Distribution - passing (analyses throwing action: use of chest, overhead, bounce, one handed shoulder pass.	• To be able to perform a technically correct basic skill. • To be able to perform teamwork • To be able to basic the rules/regulations and safety procedures. • Studying rules of safety in the lessons of Football. • Studying and developing dribbling, • inside -the foot pass, long pass, foot trap, passing, outside the foot pass, • ball control; tackling • goalkeeping, kicking goals, kick-off • team play and strategy • defensive maneuvers, football rules, game • Improving stamina, agility, strength.	• To perform volleyball, Dig shot technique • To understand the scoring system in Volleyball. • To be able to perform the underarm and overhand serve • To develop and accurately replicate a spike shot • To analyse performance in Volleyball • To use the three-touch idea in game situation • To use a variety of tactics to outwit opponent • To be able to perform teamwork • To be able to basic the rules/regulations and safety procedures.

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Art	**Language of Art** This scheme of work introduces learners to the foundations of Art and Design, the Formal Elements of Art. They will develop skills in recording from observation using line, shape, space and tone along with color mixing and painting skills. Students will develop their abilities to record with increasing levels of accuracy. To be able to refine and develop personal ideas and to show an understanding of visual communication through appropriate media, materials, techniques, and processes. Language of Art has been designed to encourage students in becoming independent learners through a structure, which focuses on active learning. Students will participate in many projects and activities, which will provide them with a sound sense of enjoyment and fulfilment.	**Jungle Paintings** This scheme of work introduces learners to the foundations of Art and Design, Perspective. They will continue to develop their skills in recording from observation using, line, shape, space and tone along with color mixing and painting skills. Students will be able to value the process of experimentation and risk taking during this project and be able to refine and develop personal ideas. Leading the students to create their own unique jungle landscape using watercolors.	**Mythical Creatures** This scheme of work provides the students with a deeper knowledge of Color theory. The students will enhance their knowledge on which colors can be mixed, how to create tones, tints and shades as well as hot and cold color tones. The students will be able to develop their own unique ideas in a group whilst continuing to develop their recording skills through drawing and sculpture. This project encourages students to strive for excellence in both the classroom, their neighborhood and in the global community. By speaking and listening to other's views and opinions about their and other artworks through class discussion that will allow for interaction with peers and the sharing of ideas.