

Year 4 Curriculum Overview

Обзор учебной программы 4 класса

Azbuka School 2023-2024

*In addition to this Overview please refer to the separate curriculum overviews of the visiting teachers of IT, Science, Dance and Circus. We also run an extensive cultural enrichment programme of visits, events, masterclasses and talks for children from the English, Russian and International communities. **В добавлении к основному Обзору учебной программы, пожалуйста, смотрите отдельные обзоры учителей-специалистов по Информатике, Науке, Танцам и Цирку. Школа также проводит разностороннюю обязательную культурную программу встреч, мастер-классов, праздников и мероприятий с интересными людьми и коллективами из русского, английского и международного сообществ.***

	Autumn 1 Sep-Oct	Autumn 2 Oct-Dec	Spring 1 Jan-Feb	Spring 2 Feb-Apr	Summer 1 Apr-May	Summer 2 May-June
English/Russian	<p>Развитие речи.</p> <p>Обучение грамоте.</p> <p>Обучение письму, включая письмо в контексте.</p> <p>Мир общения. Собеседники. Диалог. Культура устной и письменной речи.</p> <p>Текст. Типы текстов.</p>	<p>English: Horror / Fantasy; story within a story; good vs. evil</p> <p>Clockwork by Philip Pullman</p> <p>Poetry, writing in role, diary</p> <p>Write a similar story</p>	<p>Развитие речи. Обучение грамоте. Обучение письму, включая письмо в контексте.</p> <p>Состав слова. Фразеологизмы.</p> <p>Литературное чтение.</p> <p>Малые формы фольклора.</p>	<p>English: Adventure; Tolerance Rich/Poor; Character transformation</p> <p>The Miraculous Journey of Edward Tulane by Kate Di Camillo</p> <p>Writing in role, collaborative reading, analysing characters,</p>	<p>Развитие речи.</p> <p>Обучение грамоте.</p> <p>Обучение письму, включая письмо в контексте. Слово и его значение. Словосочетание. Предложение.</p> <p>Главные члены предложения. Пунктуация (однородные</p>	<p>English: Poetry</p> <p>Creative poetry:</p> <p>Blackout</p> <p>Dada</p> <p>Freestyle</p> <p>Acrostic</p>

	<p>Девять правил орфографии.</p> <p>Литературное чтение.</p> <p>Гаршин «Лягушка-путешественница»</p> <p>Русские классики. Осенняя лирика. Поэзия А.С.Пушкина, Ф. И Тютчева, А. Фета. «Сказка о царе Салтане».</p>	Story boxes / animation	<p>Докучные сказки.</p> <p>Русские классики.</p> <p>Басни И. А. Крылова.</p>	organising writing into paragraphs.	<p>члены предложения).</p> <p>Литературное чтение</p> <p>Русские классики.</p> <p>Л. Н. Толстой Были.</p> <p>Д. Мамин- Сибиряк «Аленушкины сказки».</p>	
Mathematics/ Математика	Azbuka will be following the Peterson programme of study	Занятия по программе Л. Петерсон для 3 класса (часть 2 и 3) Российской школы	Azbuka will be following the Peterson programme of study	Занятия по программе Л. Петерсон для 3 класса (часть 3) и 4 класса (часть 1) Российской школы	Azbuka will be following the Peterson programme of study	Занятия по программе Л. Петерсон для 4 класса (часть 1) Российской школы
The World Around Me History/ Geography)	<p>English</p> <p>Ancient Egypt:</p>	<p>Russian</p> <p>(Botany – soil, fungus)</p>	<p>English:</p> <p>British History Study</p>	<p>Russian:</p> <p><i>Peter the Great.</i></p>	<p>English:</p> <p>Extreme Weather</p>	<p>Russian:</p> <p>(Human body. REspiratory</p>

<p>Science/ Мир вокруг нас География/ История/ Наука</p>	<p>Architecture Fashion Writing and communication Comparison to modern Egypt The Seven Wonders Book: Ancient Egypt DK Describe events using words and phrases such as: century, decade, BC, AD Look at different sources of the same event and identify differences in the accounts. Ask a range of questions about the past.</p>	<p>Сообщества. Растения и человек. Разнообразие растений. В царстве грибов. Великий круговорот жизни: производители-потребители, разрушители. Круговорот веществ в природе. Жизнь в земле и под землей. (дождевой червь).</p>	<p>The Tudors Tyrant, empire Unrest Religious battle Novel: Treason by Berlie Doherty Identify changes and links within and across the time periods studied. Give some causes and consequences of the main events, situations and changes in the periods studied. Give clear reasons why there may be different accounts of history.</p>	<p><i>Northern capital of Russia.</i> Из истории России- путешествие по реке времени (хронология). Историческая карта. Кто такой Петр 1? От крепости -к городу: город Петра. Рождение российского флота. Знай свое место: сословия в 18 веке. Быт дворян и крестьян.</p>	<p>Effect of climate change on the world. Study of major weather events including: Typhoon, hurricane, earthquake, tsunamis Book: Floodland by Marcus Sedgewick Use documents, printed sources, the internet, databases, pictures, photos etc to collect information. Present structured and organised findings.</p>	<p>system. Viruses and bacteria) Респираторная система человека. Кто как дышит? Как правильно дышать? Как дыхание влияет на состояние человека и как им управлять? Техники дыхания, детские медитации. Вирусы и бактерии. Классификация, различия. Роль бактерий (полезные и вредные). Пищевые технологии.</p>
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	Choose reliable sources of factual evidence to describe the past.					
Science	Animals incl. Humans: describe the changes as humans develop to old age Living Things: Life cycles. A, S	Растительные сообщества.	Properties and Change of materials: Reversible/Irreversible changes Magnetism, conductivity	Вещества и материалы. Почему корабли не тонут? Изучаем плавучесть тел, углубляем знания о свойствах веществ (плотность воды и других жидких веществ).	Animal reproduction	Научные открытия.
Science Specialist	Cell biology 1. Cell and its structure. Difference from bacteria. Growing bacteria and mold 2. The main classes of substances that make up all living organisms. Proteins,	Bio Chemistry 1. Water as a medium for biochemical reactions. Hydrophobicity and hydrophilicity 2. Proteins are the basis of life.	Inorganic chemistry 1. The structure of the atom. Chemical bond 2. The structure of the molecules. Crystals, crystal lattice.	General principles of plant growth. Prerequisites for proper development. 2. Light and its role in plant growth. Structure of the atom and origin light, spectrum.	The Nature of Light. Lights. Where does the light come from – the structure Atom. Photons. Color is a photon of a certain size. White and black. Reflection from the surface.	

	<p>carbohydrates, lipids, nucleic acids</p> <p>3. Microscopes and their use on the example of grown organisms</p> <p>4. Microbiological methods. Growing bacteria in Petri dishes.</p> <p>5. Antibiotics. Influence on cells of higher organisms and bacteria. The reasons diseases and the fight against them. Isolation of antibiotic from mold and testing of it on grown bacteria.</p> <p>6. Viruses. Living nonliving. Fighting viruses and their use.</p>	<p>Protein structure. The role of nutrition in the growth of the body.</p> <p>Poisons and antidotes.</p> <p>3. Sugar is not only sweet, but also building. Glucose, fructose, starch, cellulose. The energy value.</p> <p>4. Lipids - fat or not fat? Interactions with water and other substances. Membranes.</p> <p>5. DNA and RNA - hidden information. Reading DNA. Mutations. Isolation of DNA</p> <p>6. Minerals and vitamins. Role in the life of the</p>	<p>3. Gases, liquids, solids. Chemical reactions.</p> <p>4. Acids and alkalis. Organic and inorganic acids.</p> <p>5. Formation of salts. Salts in the world around.</p> <p>6. The origin of life on Earth. The transformation of inorganic substances into organic.</p> <p>7. Climate change and environmental pollution.</p>	<p>3. Photosynthesis - difference from animal organisms. Main Products photosynthesis - oxygen and glucose. Chemical formulas of substances and the structure of molecules.</p> <p>4. Structure of plants. Cellulose. Conductive vessels and transfer of substances in plants.</p> <p>5. Accumulation of nutrients. Glucose, fructose, sucrose, starch.</p> <p>6. Mathematical Foundations for Growth Analysis</p>	<p>Angle of incidence and angle Reflection.</p> <p>2) Refraction of the light beam. The speed of light in different substances and Vacuum. Experiments – a block of transparent plastic + laser + steam (vape).</p> <p>3) Lenses. Focus. Flashlight, laser. Optical devices. Camera obscura.</p> <p>4) Eye, structure. The speed of perception and transmission of a nerve signal. Convex and concave lenses in optical devices. Device Telescope.</p> <p>5) Visible light spectrum. Decomposition of</p>	
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		organism. Lack and excess.			white light by prism. Rainbow. RGB. 6) Diffraction, dispersion, and interference. Jung's Experience, Newton's Rings 7) Other types of electromagnetic waves.	
PSHE P4C and British Values	Health and Wellbeing W1-3 – Keeping Safe Relationships W4 – Family and positive close relationship W5 – Safe relationships	Living in the wider world w1-4 Economic wellbeing: money W5 Communities - contributions that groups make	Health and Wellbeing Relationships W1-5 – Family and positive close relationships	Health and Wellbeing W1-2 – Ourselves, growing and changing Relationships W3-5 – respecting self and others	Health and Wellbeing W1-3 – Drugs, alcohol and tobacco Living in the wider world W4-6 Media literacy and digital resilience	Living in the wider world W1-3 Aspirations, work and career (Economic wellbeing) W4 Gambling, effects of Relationships W5 Safe Relationships: Consent

						W6 Respecting self and others: how to debate and challenge
Cultural Days and Community Outreach/ Календарь событий и знаменательных дат	Harvest Festival – September National Poetry Day – 5 th October Music Day – 1 st October День учителя (5 Окт)	Remembrance Day (11 Nov), A, S 12 November Hindu and Sikh Diwali Christmas (UK 25 Dec) A, D	Православное рождество (7 января) Black History Month (February) Shrove Tuesday Ash Wednesday	Масленица 8 марта Holi – Hindu festival of colour Easter - UK Пасха	VE Day (8 May) Children’s Day- RUS День защиты детей	6 июня- Пушкинский день
Art/DT Искусство	English Egyptian art and architecture Death Masks	Russian Food preparation Уроки кулинарии.	English Installation / Site-specific art	Russian Архитектура. Городские пейзажи, мосты. Рисуем корабли.	English Clothing design based on Extreme Weather	

	<p>Jewellery</p> <p>Pyramid building</p> <p>Papyrus roll and writing</p> <p>Amulets</p>	<p>Изучаем работы известных художников.</p> <p>Ботаническое искусство.</p> <p>Объем и тени “Яблоко”.</p> <p>Рисование с натуры- грибы, листья и другое.</p> <p>Фантазийное рисование.</p> <p>Акварельные техники.</p> <p>Новогодняя открытка “Снеговичок”.</p>		<p>Шьем игрушки из подручных материалов (носки).</p>		
<p>Physical Education/ Физическое воспитание</p>	<p>Circus skills</p> <p>Dance</p> <p>Athletics</p> <p>Speed and resilience</p> <p>Team games</p>	<p>Circus skills</p> <p>Dance</p> <p>Getting stronger and more fit</p> <p>Breathing and meditation</p>	<p>Circus skills</p> <p>Team games, traditional</p> <p>English and Russian games</p> <p>Dance</p>	<p>Circus skills</p> <p>Flexibility and mindfulness (yoga, Tai Chi, Pilates)</p> <p>Dance</p>	<p>Circus skills</p> <p>Swimming</p> <p>Dance</p>	<p>Circus skills</p> <p>Swimming</p> <p>Dance</p>

Music/ Музыка	<p>Understanding rhythm and pulse</p> <p>Whats your colour?</p> <p>Осенний блюз</p> <p>Современные песни по выбору детей.</p> <p>Contemporary songs by well known singers</p>	<p>Winter music galore</p> <p>Preparation for Christmas performance.</p>		<p>BBC: Florence Price Symphony 1 E minor</p> <p>Our musical children - school concert</p>	<p>BBC Anna Meridith body percussion (contemporary British)</p> <p>Creating music</p>	<p>Songs for end of school performance</p>
Computing/ Информатика	<p>Design, write and debug programs that accomplish specific goals</p>	<p>Use sequence, selection and repetition in programs, working with variables and various forms of input/output</p>	<p>Use logical reasoning to explain how simple algorithms work, detecting errors</p>	<p>Understand computer networks, including the internet, exploring how the World Wide Web offers opportunities for global communication</p>	<p>Use search technologies, appraising how results are selected, and evaluating digital content</p>	<p>Select, use and combine a variety of software on a range of digital devices</p>
Spanish	<p>- Review greetings and farewells</p>	<p>Quick fire revision of last half term</p>	<p>Quick fire revision of last half term</p>	<p>Quick fire revision of last half term</p>	<p>Quick fire revision of last half term</p>	<p>Revision term of everything learnt</p>

	<ul style="list-style-type: none"> - To be able to introduce yourself - Review School vocabulary and learning to express typical school actions - Review the names of the week, of month and the name of the seasons - The numbers from 0 to 20 	<ul style="list-style-type: none"> - Review the name of animals - learning about cultural activities in Spain at Halloween and at Christmas time 	<ul style="list-style-type: none"> - review part of the city and learning how to indicate an address - the names of the types of houses, the names of the rooms in the house and some of their furniture and appliances 	<ul style="list-style-type: none"> - Review body parts and learn how to describe physical appearance - Known the emotions - To begin learning present tense verbs. - To use present tense verbs in sentences to describe likes and dislikes. 	<p>To be able to identify various food and drink. To be able ask and answer questions about favourite food/drink.</p> <p>Learn to express likes and dislikes</p> <p>To identify various sports/games and other leisure activities</p>	<p>throughout the year:</p> <p>-Spain: Main customs, cultural activities and main places</p>
Outings/	Kew Gardens- visit and workshops.	Tate Britain - Y4-6	Somerset House WWII Bunker	Place of Worship Visit	Greenwich Observatory and Planetarium	PGL

<p>Внеклассные мероприятия и экскурсии</p>	<p>Oksana P. – Voice as a musical instrument (all school)</p>	<p>10 November - Into Film Festival</p> <p>17 November - Children in Need charity event (all school)</p> <p>Christmas Production</p> <p>Shoe Box Appeal for poor families at Christmas</p>				<p>Annual picnic/visiting</p>
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