

SYLLABUS:

LANGUAGE ARTS – ENGLISH

Themes: Crossing Rivers, Communication, Feeding Us All, Health, New 'Pastures', Setting the Scene, Peace, Looking back, Man and the beast, Secrets of the sea

Texts analysis: proverbs, magazine articles, technical diagrams, cartoons, vox pops, encyclopedia entries, autobiographies, poems, short stories, fables, extracts from stories, novels, plays.

Writing skills: poems, journal entries, descriptions, stories, essays, a contemporary adaptation, an imaginative opening scene.

Projects: food charity organizations, ocean creatures,

Grammar: tenses: present (simple, continuous), past (simple, continuous), present perfect (simple, continuous), past perfect (simple, continuous), future (simple, continuous, perfect), to be going to and other future forms; used to; modals - present and past uses; articles, nouns, pronouns, adverbs, adjectives, prepositions, the passive, conditionals, reported speech, relative clauses;

Literature: The course is based on *The Holt Reader. Elements of Literature*. (Grade 8 level).

The Holt Reader texts: (ADAPTED VERSIONS): "The Treasure of Lemon Brown" by Walter Dean Myers, "The Inn of Lost Time" by Lensey Namioka, "A Retrieved Reformation" by O. Henry, "Mrs. Flowers" by Maya Angelou, "The Wise Old Woman" by Yoshiko Uchida, "How I Learned English" by Gregory Djanikian, "The Tell-Tale Heart" by Edgar Allan Poe, "Raymond's Run" by Toni Cade Bambara; Home reading novel: *S. E. Hinton "The Outsiders"*

Skills: Literary Response and Analysis Understand plot structure. Understand characterization. Analyze setting and its influence on mood and tone. Identify and analyze themes. Understand elements of poetry.

LANGUAGE A – POLISH

Lektury: H. Sienkiewicz, *Quo vadis, Latarnik*; A. Mickiewicz, *Dziady, cz. II, Świtezianka, Lilije, Reduta Ordona, Śmierć pułkownika*; Ch. Dickens, *Opowieść wigilijna*; W. Szekspir, *Hamlet*; A. Fredro: *Zemsta*; I. Krasicki, *Żona modna*.

Ortografia: zasady pisowni nazw geograficznych, zasady pisowni wielką literą, zasady pisowni zakończeń wyrazowych: i, ii, ji.

Gramatyka: fonetyka, słowotwórstwo, części mowy, części zdania, rozbiór zdania pojedynczego i złożonego.

Sztuka pisania: opis obrazu i rzeźby; opis przeżyć wewnętrznych; opowiadanie (narracja pierwszoosobowa i trzecioosobowa); list oficjalny; charakterystyka; recenzja, rozprawka.

Literatura: rodzaje i gatunki literackie, środki stylistyczne, związki frazeologiczne; pojęcia: fikcja literacka, wybrane pojęcia z teorii literatury.

POLISH AS A ADDITIONAL LANGUAGE

Grammar: Accusative in singular and plural; Instrumental in singular and plural; Locative in singular and plural; Nouns - aspects; Finished and unfinished actions; Construction with "when"; Modal verbs; Accusative+modal verbs; Dative and accusative in plural and singular; Probability and possibility;

Writing: My favourite food; "Rz" or "ż"? Rules; Short story; Short essay; Describing a thing; Exam for foreigners (B1)

Reading: What people eat in Poland? Traditional Polish cuisine; Eat healthy, be healthy! St. Andrew's Day traditions; Christmas songs; "Christmas Tale" by Ch. Dickens; Valentine's Day traditions around the world; City plan; What's your chronotype?

Speaking: Food, restaurant, dishes, meals; Fruits and vegetables; Body parts; Fashion and clothes; Sport; How can I go to...; Friendship; Comics; Zoo; Animals and nature;

Project: Spacer po mieście (Walking through the city - Poznań). Lepiej w mieście, czy na wsi? Debata. (City or village? Debate). Film czy książka? Debata (Book or movie? Debate).

LANGUAGE B – GERMAN

Topics: physical descriptions, personality, family relationships, helping at home, rules at home, daily routine, celebrations, holidays and festivals, organising a party, invitations, the media, TV viewing habits, favourite music, singers and bands, films and film reviews, reading habits, hobbies, hobbies in different kinds of weather and plans for the weekend.

Grammar: adjective endings, the present and perfect tense, word order with *weil*, separable and reflexive verbs, the imperfect tense (war), the correct endings for dates, modal verbs, question words and possessive adjectives.

Skills and pronunciation: building longer sentences, expressing more complex opinions, adapting sentences and text, identifying word families, building answers from questions, working out grammar patterns, developing listening and reading skills, explaining own opinion and identifying word families.

LANGUAGE B – SPANISH

Topics: summer holiday activities, personal information, physical descriptions, personality, daily routine, hobbies, weather and plans for the weekend, clothes you like/ dislike wearing, shopping for clothes, Spanish celebrations, festivals, food, traditions, famous people, geography, monuments and sports, cooking recipe.

Grammar: *presente de indicativo, preterito perfecto, estar+gerundio* of regular, irregular and reflexive verbs, *ir+a+infinitive, imperativo afirmativo*, verbs: *doler, gustar, encantar*, singular and plural of nouns and adjectives, interrogativos: *cómo, cuándo, de dónde, cuántos*, differences: *ser y estar, hay*.

Skills: giving more detailed descriptions, asking and answering questions, creating longer sentences, expressing more complex opinions, developing role-play skills, speaking in present, past and future, making video blogs, developing listening and reading skills.

MATHEMATICS

Numbers: Roman numerals, placing all types of numbers on the number line, rounding and estimating, recognising the properties of numbers, recognising prime and composite numbers and determining factors and multiples, HCF and LCM, divisibility tests, performing operations with natural numbers, integers and rational numbers, using order of operations, absolute value, ratio and direct proportion, working with percentages, estimating percentages, finding a percentage of a quantity, applying percentages to problems, calculating percentage change, calculating commission and simple interest, finding a quantity if a percentage of it is given, working with powers, applying the basic index laws, understanding the meaning of the negative index, standard notation, estimating and operating with surds, rationalising the denominator.

Geometry: Pythagoras' theorem, applying the theorem of Pythagoras to solve right-angled triangle problems, properties of special right-angled triangles, coordinates on the number plane, distance and midpoint formula, perimeter and area of 2D shapes, interpreting simple graphs.

Algebra: Performing simple algebraic operations, evaluating formulae, expanding and simplifying algebraic expressions, multiplying two expressions, solving linear equations, translating and solving written problems into numeric and algebraic expressions.

Statistics: Collecting and organising data, representing data on diagrams, measures of central tendency - mean, median, mode.

PHYSICS

Topics: Physics quantities and units; standard units; measuring: mass, distance, time, force, temperature; gravity and weight; balanced and unbalanced forces; vectors and scalars; elasticity; Hooke's law; surface tension; intermolecular forces; diffusion; meniscus; atom; molecule; distance and displacement; speed and velocity; instantaneous speed and average speed; acceleration; terminal velocity; speed vs time graphs; acceleration vs time graphs; distance vs time graphs; types of forces: gravitational, elastic, lift, buoyant, air resistance, friction; Newton's laws of motion; pressure; hydrostatic and atmospheric pressure; Pascal's law; Archimedes law; mechanical work; power; energy: kinetic energy, gravitational potential energy.

Laboratory skills: experimental design, data collecting, data processing, data presentation, conclusion, evaluation.

CHEMISTRY

Topics: Basic lab equipment, glassware and lab techniques. Properties of metals and non-metals. Density. Mixtures, common ores and alloys. States of matter. Trends in the periodic table of the elements. Atomic structure theories. Structure of the atom. Atomic and mass numbers. Isotopes and radioactivity. Electrons arrangement. Different types of bonds. Electronegativity. Molecular and structural formulae. Basic nomenclature of inorganic compounds. Law of conservation of the mass and law of constant composition. Avogadro constant. The mole concept. Basic stoichiometric calculations. Relative atomic mass. Exothermic and endothermic reactions. Air composition. Properties of carbon oxides, hydrogen and oxygen. Oxides. Air pollution

BIOLOGY

Human body: the skeleton and muscular system; nutrition: balanced diet, role of carbohydrates, lipids, proteins; vitamins and minerals; malnutrition; digestion: digestive system and enzymes; absorption and assimilation; The circulatory system; Arteries, veins and the blood; Heart; Cardiac cycle; Antibodies and antigens; Immunity. Homeostasis; excretion: the role of the kidney, control of blood glucose level; diabetes. Coordination; The nervous system; Neurones; Receptors and senses; The endocrine system: glands and hormones;

Skills: using a microscope, performing investigations, using and designing keys.

GEOGRAPHY

Themes: map work and examination skills. Maps and diagrams. Physical environment - Universe, Solar system, the Earth-processes operating within atmosphere, hydrosphere, lithosphere and biosphere.

HISTORY

Topics: The source examination skills. The map examination skills. The history of medieval Europe: the barbaric kingdoms, the Vikings, the feudal

system, Christendom, the Crusades. Islamic Civilization. The Black Death and the end of Feudalism. The Renaissance. The Reformation. Discovery of the New World. The Enlightenment.

VISUAL ART

Leonardo da Vinci. Students inventions such as "homework doing machine " etc. Advertisements for school events. Aboriginal Art. Native Americans Art. African jewellery.

MUSIC

Themes: Romantic Era in Music, Music from around the world, 20th century music, Singing and performing, American Jazz, Instruments and styles

PHYSICAL EDUCATION

Skills:
gymnastics, corrective gymnastics, athletics, team games, gross motor skills, physical fitness, health related fitness, movement to music, coordination skills.
15 weeks of team games: handball, basketball, football, hockey - ball handling, ball passing, hockey stick handling, dribbling, shooting, strategy, game rules, passing in pairs;
5 weeks of athletics - running, jumping, throwing skills development, warm up importance, reflecting on performance
5 weeks of corrective gymnastics and health related fitness - flexibility, good posture practice and adjustment, gross motor skills development, coordination development, movement to music, healthy education, creating choreography, setting own goals,
5 weeks of gymnastics - rolls - forward and backward, cartwheel, handstand, vault jump over apparatus.
5 weeks of net games - volleyball, badminton skills development, strategy, game rules;
5 weeks of physical fitness tests - heart rate checking, Harvard Test, Step Test;

INFORMATION TECHNOLOGY

Projects:

"Wallpaper for School Computers" done in PhotoShop. Students design a wallpaper, in the advanced image editing software Adobe PhotoShop, which will be suitable for the school computers. The best one will be used on all school computers for the whole year.

"Restaurant Menu" done in Microsoft Office Publisher. Students design an interesting and creative restaurant menu.

"Daily Special" done in Publisher and connected to the previous project. Students design a daily special menu which follows the graphical design from the main menu.

"Invitation to a Special Event" done in Publisher and connected to the two previous projects. Students design an invitation to a special event of their choice, which takes place at their Restaurant.

"Computer Graphics". Students are shown a presentation about CG, after which a test will be administered.

"Excel/Google Sheets". Students learn about the basic and some more advanced functions in Microsoft Office Excel/Google Sheets and how to use and apply these.

"GIF Animation Part 1" using Paint and giphy.com. Students learn how to create a short GIF animation using a graphics editing program and the website giphy.com. Intro to Programming using the following resources: Scratch. Students will learn how to think like programmers using block-based visual programming languages.

Bonus Project: "Thank You for Coming Card" done in Publisher. Bonus project connected to the Restaurant projects. Students design a Thank You card. Typing Master Lessons 9-12.

RELIGIOUS STUDIES/ ETHICS

Types of values and their presence in the context of everyday life and in art. Human Rights and their ethical evaluation in the modern world. Prejudice, stereotypes and labels. "Me" as a representative of history, culture, tradition. Understanding of human nature. Disagreement - Nature vs. Nurture. The problem of free will.