

SYLLABUS:

LANGUAGE ARTS – ENGLISH

Themes: Friendship, Education, Journeys, Work, Freedom, The Future, A Dream of Flying, Cities, Of Mice and Men

Texts analysis: magazine articles, online magazine articles, speeches, web pages, autobiographies, poems, short stories, extracts from novels, myths, science fiction stories.

Writing skills: dialogues, journal entries, autobiographical accounts, imaginary accounts, stories, essays, summaries.

Projects: Famous explorers, Inventions to change our world.

Grammar: All Tenses, Modals (present and past uses), Passive, Infinitives and Gerunds, Adjectives and Adverbs, Conditionals and wishes.

Literature: The course is based on *The Holt Reader. Elements of Literature*. (Grade 9 level).

Additional assignment: Home reading novel: *Of Mice and Men* by John Steinbeck

Literary Response and Analysis: Texts Selected Within Collections; Plot and Setting, Character, Narrator and Voice, Comparing Themes, Irony and Ambiguity, Symbolism and Allegory; Optionally: Poetry, Literary Criticism, Drama

Skills: Understand plot and structure and development of time and sequence. Understand characterization. Understand narrators, or points of view (omniscient, first-person, and third-person limited), tone, and voice. Understand irony (verbal irony, situational irony, and dramatic irony) and ambiguity. Understand symbolism and allusion.

Literary Context: Understand the uses of primary and secondary sources. Synthesize information from several sources on a single topic.

Vocabulary Development: Understand word meanings within their literary context. Understand multiple-meaning words. Understand synonyms.

Writing/Speaking Workshop: Respond to a literary text through a written assignment/oral presentation.

LANGUAGE A – POLISH

Lektury: E. E. Schmitt, *Oskar i Pani Róża*; A. S. Exupery, *Mały Książę*; J. Słowacki, *Balladyna*; S. Żeromski, *Szyfowe prace*; A. Kamiński, *Kamienie na szaniec*; N.H. Kleinbaum, *Stowarzyszenie umarłych poetów*; A. Mickiewicz, *Pan Tadeusz*; M. Wańkiewicz, *Ziele na kraterze* (fragment), *Tędy i owędy* (fragmenty); S. Mrożek, *Artysta*.

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

Gramatyka: słowotwórstwo, zdanie pojedyncze, zdanie złożone, interpunkcja w wypowiedzeniu wielokrotnie złożonym.

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

Literatura: podział epok, rodzaje i gatunki literackie, środki stylistyczne, typy liryki, fikcja literacka, świat przedstawiony, fantastyka, realizm, narracja, intertekstualność, parafraza literacka, parodia, związki frazeologiczne.

POLISH AS ADDITIONAL LANGUAGE

Grammar: Possessive pronouns; Instrumental in singular; Imperative; Dates - months; Instrumental in singular; Modal verbs; Past and future tense; Wh- questions;

Writing: Weather forecast; My fashion style; Diet; City map; Polish Christmas and New Year's traditions; "rz" or "z"? Global issues around the world;

Reading: Climate around the world; What people wear through the decade? Our health - issues; St. Andrew's Day - traditions; The exam - useful phrases;

Speaking: Weather; Climate changes; Animals and zoo; Fashion and clothes; Emotions and feelings; Body parts; How can I go to...? Directions; Friendship and love; Continents and nature; Me and other people - social media trap; Easter and spring; Giving advice;

Project: Czytam po polsku (I can read in Polish). Nasze stolicy (Our native capitals)

LANGUAGE B – GERMAN

Topics: birthday and other celebrations, special events, party, party invitations and excuses, talking about place we live, describing the differences between the town and the countryside, environmental problems and protecting environment, visit to German speaking countries and their capital cities, talking about a future and past visit, planning a trip, free time: hobbies, sport and preferences, part-time work, pocket money, spending and saving habits and holidays: preferences, accommodation, tourism, travel.

Grammar: *in* with dative, the imperfect tense, adjectives and the accusative, negatives, *weder ... noch*, making comparisons, modal verbs in the imperfect tense, word order, *dass, fuer* with accusative, relative pronouns, *mit* with dative, *Sie*, interrogatives and word order, prepositions with dative and accusative and irregular verbs in present.

Skills: detailed descriptions about the past, giving opinions, writing a formal letter, preparing a presentation, expressing opinions and preferences, giving more detail in written work and reading a magazine article.

LANGUAGE B – SPANISH

Topics: revision, summer holiday activities, daily routine, transports, professions, media, future plans, Spanish celebrations, festivals, food, traditions, famous people, geography, monuments and sports, cooking recipe, songs, telenovelas.

Grammar: *presente de indicativo, preterito perfecto, preterito indefinido, 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: Operating with rational numbers, using order of operations, working with powers and surds, applying the basic index laws, understanding the meaning of the negative index, standard notation, percentages and ratios, direct proportion.

Geometry: Properties of angles, theorem and its proof, triangle inequality, congruent figures, congruent triangles, regular polygons, properties of prisms and pyramids, volume and surface area, circumference and area of a circle, axial and central symmetry, bisector of an angle and an interval. Applications of Pythagoras' theorem, perimeter and area of 2D shapes, distance and midpoint formula.

Algebra: Algebraic expressions, simplifying expressions with grouping symbols, solving equations with grouping symbols and fractions, applying equations to the solution of problems, changing the subject of a formulae.

Statistics and probability: Collecting and organising data, representing data on diagrams, measures of central tendency, listing all possible outcomes of an experiment, applying the Fundamental Principle of Counting, understanding the language used in probability, determining the theoretical probability of an outcome in a probability experimental.

PHYSICS

Topics: Kinetic energy; gravitational potential energy; total mechanical energy; law of conservation of the energy; thermal energy; heat; temperature; heat capacity; specific heat capacity; latent heat; specific latent heat; first law of thermodynamics; simple harmonic motion; longitudinal and transverse waves; wave phenomena; light and sound; electric charge; electrostatic force; electric conductors and insulators; resistance; Ohm's law; electric current; potential difference (voltage); power; simple electric circuits; magnetic field; electric motor; current generator; optics.

CHEMISTRY

Topics: Water cycle. Water properties. Concentrations. Water pollution. Aqueous solutions. pH scale and common indicators. Arrhenius acid-base theory. Properties of common acids and bases. Ionic dissociation. Acid precipitation. Salts. Allotropy of carbon. Fossil fuels. Homologues series of alkanes, alkenes and alkynes. Hydrocarbons. Polymers. Alcohols. Homologues series of organic acids. Properties of organic acids (with fatty acids). Soap and detergents. Esters properties. Amino acids. Simple proteins. Fats. Monosaccharides, disaccharides and polysaccharides. Starch and cellulose. Aromaticity. Oxidation number. Redox reactions.

BIOLOGY

Topics: 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; Reproduction; Male and female reproductive systems; The menstrual cycle; Fertilization; Pregnancy: the role of placenta, development and antenatal care; Variation and inheritance; The contents of the nucleus; The structure of DNA; Gene expression; Chromosomes and cell division (mitosis and meiosis); Mutations and diseases; Inheritance, Mendel's principles of heredity, The Punnett squares, Pedigree chart, Inherited medical conditions and co-dominance; sex-linked characteristics.

Skills: using a microscope, performing investigations, using and designing keys and writing lab reports, planning and performing investigations, transforming data, drawing histograms, pie charts, line graphs.

HISTORY/CITIZENSHIP

Topics: The source examination skills. The map examination skills. The English Civil Wars. Different religious concepts. What is capitalism? Are there any alternatives to the capitalist system? The theory of politics. The French Revolution. The Industrial Revolution. European colonialism.

GEOGRAPHY

Themes: Map work and examination skills. Geography of continents. Africa-physical environment, population, economy; issues of Ghana, Egypt and Republic of South Africa. Australia and Oceania-physical environment, population, economy. Asia-physical environment, population, economy;

issues of India, China, Japan, United Arab Emirates.

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, fakes

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, WHO recommendations for physical activities

5 weeks of gymnastics - rolls - forward and backward, cartwheel, handstand, vault jump over apparatus, creating combo

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, YMCA

INFORMATION TECHNOLOGY

Projects:

“ASCII”. Students have to research what ASCII is, and write a paragraph about the information they find.

“Pimp a Car” done in Photoshop. Students visually tune a car of their choosing using the advanced image editing software Adobe Photoshop.

“Your Company” done in Microsoft Office Publisher and PowerPoint. Students need to pick a real company or come up with one of their own. They will create a business card, product advertisement for a magazine, brochure, catalog, and presentation about it. Everything needs to follow a similar design. The presentation will be presented in front of the class.

“Introduction to Programming”. Students learn the basics of the C programming language (variables and constants, IF statements, loops, etc.).

Bonus Projects:

“Business Logo”. Design a logo for your business.

“Create an Ad for the Car”. Students use a program of their choice to create an advertisement for their car.

“ASCII Art”. Students have to create an image using only ASCII symbols during 1 lesson.

RELIGIOUS STUDIES/ ETHICS

Morality through the prism of different ways of knowing. Language and morality. Emotions and morality. Technology and morality. Animals and morality. Selected ethical theories and their practical evaluation. Psychological analysis of prejudice. The role of logic in Ethics and Philosophy. Necessary and sufficient condition of personhood.