



International School of Poznan

International Baccalaureate World School no. 002709



G6 SUBJECT CURRICULUM



LANGUAGES

LANGUAGE OF INSTRUCTION: ENGLISH

GENERAL SKILLS:

Themes: We can all be heroes; Health and sport; World of discovery; Ancient civilizations; Spies and mystery; Performance Art; Let's celebrate

Texts analysis: magazine articles, presentations and speeches; short stories; novels, poems; playscript

Writing Skills: sentence length and structure; complex and compound sentences; connectives; spelling & punctuation patterns; stories; poems; imaginary accounts; journal entries; paragraphs;

Speaking Skills: organisation of ideas; expression of ideas; proverbs, figurative expressions; rehearsing a play script; expressing opinions; spoken presentation; kennings

GRAMMAR

Nouns (singular/plural; countable/uncountable, irregular); Possessive forms; Quantity (much, many/a lot of); Adjectives; Tenses: Present Simple&Continuous, Past Simple&Continuous, Present Perfect, to be going to, will; Modal verbs

LITERATURE

Materials include, but are not limited to, *The Julian Chapter* by R. J. Palacio (the sequel to *Wonder* by the same author), *La Bamba* and *Ode to Mi Gato* by Gary Soto, *The King of Mazy May* by Jack London, *The Gold Cadillac* by Mildred D. Taylor, *All Summer in a Day* by Ray Bradbury, *The Cask of Amontillado* by Edgar Allan Poe and *Eleven* by Sandra Cisneros.

Skills: Understand plot structure, characterisation, point of view, forms of prose, literary criticism; understand and analyse themes.

Literary Context: Plot, characters, theme, forms of fiction, biography and autobiography, the writer's craft, poetry, literary criticism. Make an outline and take notes; evaluate a writer's conclusions; understand comparison and contrast; find and analyse main ideas; understand assertions and supporting citations.

HOST LANGUAGE: POLISH

Lektury: J. Parandowski, *Mitologia*; H. Sienkiewicz, *W pustyni i w puszczy*; B. Mull, *Smocza Straż, tom 1*; F. Molnar, *Chłopcy z Placu Broni*; B. Prus, *Katarynka*.

Ortografia: zasady pisowni: wyrazów z ch,h,ó,u,rz,ż; zasady pisowni nazw geograficznych; zasady pisowni wielką literą.

Gramatyka: odmienne i nieodmienne części mowy; rodzaje wypowiedzeń; zdanie pojedyncze a zdanie złożone.

Sztuka pisania: zaproszenie, ogłoszenie, notatka prasowa, przepis, instrukcja, streszczenie, opowiadanie, charakterystyka, list, e-mail, kartka z pamiętnika, opis przeżyć, opis obrazu.

Literatura: podmiot liryczny, środki stylistyczne, narrator, typy narracji, podstawowe gatunki epickie (mit, baśń, legenda, powieść, opowiadanie, pamiętnik).

POLISH AS ADDITIONAL LANGUAGE

Topics: Daily routine, Transportation; Professions; Food and Polish traditional food; Christmas traditions in Poland; Famous people; Countries and nationalities; Languages; Hobbies; Clothes and appearance; Polish songs, movies and celebrities.

Grammar: Present tenses; Nominative case; Plural and singular nouns and adjectives; Instrumental case of plural and singular of nouns and adjectives; Verbs and prepositions requiring instrumental case; Numbers.

Project: A Polish famous person.

Skills: gaining knowledge about Polish culture, developing listening and speaking skills, preparing a presentation, giving opinions.



ADDITIONAL LANGUAGES:

GERMAN

Topics: free time and hobbies, sports and musical instruments, favourite hobbies, opinions of computer games and say how often students do something, food and drinks, meals, food preferences, healthy food, ordering food, the weather, say where the student lives, describing of house or flat and own room, the places in a town, say what can be done in a place, directions, tickets, presents and tourist information.

Grammar: verb second word order, present tense (regular and irregular verbs), time expressions and use *denn*, forms of the verb „essen”, negatives with *kein* and *gern/nicht gern*, verb second word order, prepositions with *dem/der/dem*, modal verbs: *können* and *wollen*, give instructions, ask questions, accusative endings and future tense and comparisons.

Skills and pronunciation: improve reading skills and improve written work and writing longer descriptions, building longer sentences using linking words (*und, den, aber, oder*), pronunciation of long and short o and u vowel sounds and *ch, v* and *w, ich, ig* and *isch* and word endings, polite language, reading comprehension (gist and details), working out language patterns, evaluating and improving own (written) work, identifying formality of language and grammar patterns and giving opinions

ADDITIONAL LANGUAGES:

SPANISH

Topics: introduce yourself, classroom instructions, the alphabet, school items, age and birthday, days of the week, months of the year, countries, nationalities, what language you speak, family members, what you look like, what people look like, telling the time, school subjects and opinions of them

Grammar: articles, plural of nouns and adjectives, masculine and feminine of adjectives, interrogatives: *cómo, quién, de dónde, dónde, cuántos...*, present tense of regular verbs and some irregular, *hay/no hay* – there is/there isn't.

Skills: introducing yourself, understanding classroom instructions, use “the”, Spanish alphabet, naming things you use at school, saying your age, birthday, nationality and where you live, describing your family, saying what somebody looks like, describing physical aspects and personality, expressing opinions, writing simple sentences.

MATHEMATICS

Numbers: operating with natural numbers, integers, fractions and decimals, absolute value, recurring and terminating decimals, using order of operations, solving number problems, recognising the properties of numbers, rounding and estimating numbers, recognising prime and composite numbers and determining factors and multiples, HCF and LCM, divisibility tests, converting between fractions and decimals, representing numbers on the number line, reading timetables and charts, arithmetic mean.

Geometry: understanding the basic concepts of geometry and geometry notation: points on the plane, lines, line segments and rays, parts of a circle, perpendicular and parallel lines, naming and measuring angles, identifying types of angles, including those made by transversals cutting parallel lines, estimating and measuring angles, identifying types of triangles, quadrilaterals and their properties, finding the area and perimeter of triangles and quadrilaterals, solving problems involving area, converting and using units of length, area.

Algebra: evaluating formulae.

SCIENCE

BIOLOGY

Topics: The variety of life: viruses and bacteria, protists and fungi; Classification keys; Animal Kingdom: characteristics of invertebrates and vertebrates.

Skills: using and designing keys; using a microscope.



SOCIAL STUDIES

HISTORY

Topics: Source examination skills; Map examination skills; Concept of History; River Valley Civilizations – Ancient Sumer and Ancient Egypt; the Ancient Greeks; Ancient Rome; History of Judaism; Early Christianity; Comparison of Judaism and Christianity.

GEOGRAPHY

Topics: What is geography; Map skills; The political map of Europe; Ecosystems and resource management; Earth motions; Population and urbanisation; Settlement and migration; Weather and climate; Geographical Enquiry and Skills; Energy and water; Leisure and tourism.

ETHICS

Ways of knowing: perception, reasoning, memory, language, emotion, imagination, reasoning; What can I learn from others - in a form of practical exercises; Humans and animals – essential comparison through students' presentations about animals we know; Introduction to CAS (Our likes and dislikes, need for cooperation, ways to improve our life)

ARTS & TRANSDISCIPLINARY

VISUAL ARTS

Elements of Art: line, shape, value, texture, colour, space and form

Design: posters, logos, Art movements, artists and styles

Painting and drawing techniques: from observations and imaginations, Collage techniques, Decorations for various occasions

MUSIC

Form in music and elements of music: rhythm, melody, texture, dynamics, tempo

Roles of musicians: composer, performer, conductor

Creating music: composing music using technology

Performing music: presentation of the composition, playing simple rhythms and melodies using instruments

Voice as the first instrument: singing songs

Listening to music : Music of Early Civilisations, Instruments of the orchestra as well as others

Improvising: learning on both pitched and non-pitched instruments

DESIGN TECHNOLOGY

Introduction to Design Technology: What is design technology and why is it important?

Rockets: the role of rockets in Space technology; the parts of a rocket; how does rocket fuel burn in space without oxygen; what is rocket propulsion; use, types and main functions of the rockets

Satellites: types of satellites; the period of a satellite and period change with its altitude above the planet; problems satellites cause or have; satellites influence on the Earth.

Mid-year project: Using your favourite game (best is Minecraft) or other resources (paper, cardboard, glue) design and build a rocket; design exterior and interior.

Final project: Using your favourite game (best is Minecraft) or other resources (paper, cardboard, glue) the whole class will design and build a space base/space station; design exterior and interior.



INFORMATION TECHNOLOGY

Projects: “Holidays in Pictures” in Google Slides; “PC Intro Presentation” in Google Slides; “PC Component Presentation” in Google Slides; “Animate Your Name” in Scratch; “Photo Story” in Photo Story 3.0; “Three Google Earth Buildings” presentation in Google Earth; “E-Mail Presentation” in Google Slides; “Create a 3d building” in SketchUp; “Magazine Cover” in a program of their own choice; Pivot Animation

PHYSICAL & HEALTH EDUCATION

Skills: gymnastics (rolls - forward and backward, cartwheel, handstand, vault jump over apparatus), corrective gymnastics, athletics (running, jumping, throwing skills development), team games (handball, basketball, football, hockey, volleyball, handball), gross motor skills, physical fitness, health related fitness, movement to music, coordination skills