

6th GRADE CURRICULUM TOPICS A.S. 2021-2022



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ART

Unit	Topic	Main Points
1	Art Fundamentals	-introduction to art: elements and principles of art -what is art? -art timeline
2	Ancient Greek and Roman Art	-Greek idealism: canons of classical sculpture -temples and architectural proportions -Roman realism: architecture, sculpture, painting -main artists & works: Myron, Phidias, Polycleitus, Praxiteles, Parthenon, Pantheon, Colosseum, Trajan's Column, Augustus of Prima Porta
3	Early Christian Art	-overview of Christianity in the Late Antique period -Christian visual language -study of icons and symbols -main artists & works: Christian Art in Constantine's Rome: early Christian churches, Roman catacombs, wall paintings, sarcophagi, early Christian sculpture based on biblical stories
4	Byzantine Art and Islamic Art	-Byzantine mosaics -Islamic architecture and geometric/maze-like designs -main artists & works (Hagia Sofia—Istanbul, San Vitale—Ravenna, the Mezquita Mosque—Cordoba, Alhambra—Granada)
5	Medieval Art	-interlace patterns in the decoration of metalcraft -ornaments in Celtic and Barbarian art -religious artworks and the process of bookmaking, copying and illustrating -The Carolingian Renaissance -main artists & works: metalcraft ornaments, illuminated manuscripts—Book of Kells, Palace Chapel of Charlemagne, Equestrian portrait of Charlemagne
6	Romanesque Art	-elements of Romanesque architecture -characteristic and stylistic differences -Christian symbolism and iconography in Romanesque art -main artists & works: Gislebertus's Last Judgement from Autun, Bayeux Tapestry, the Cathedral and Baptistery of Pisa, the Cathedral of Modena, Saint Sernin and Saint-Étienne in France
Links with Citizenship		
UNESCO		-focus on UNESCO sites with artistic/architectural importance

BUSINESS

Unit	Topic	Main Points
1	Money	<ul style="list-style-type: none"> -money and why we need it -the history of money -the first exchanges -the birth of banknotes -the banknote nowadays: a safe money -different types of currency -project presentation: ancient money (research) -mind map
2	Price	<ul style="list-style-type: none"> -what is a price? -how prices are set -the source of money -price comparison (exercise): why does it change? -the euro -mind maps
3	The Economic System	<ul style="list-style-type: none"> -meaning -economic system in UK -economic system in US -economic system in Italy -focus: the Hamish Mind map
4	Population and Identity	<ul style="list-style-type: none"> -the UK population -the US population -the Italian population

CHINESE

Unit	Topic	Main Points
1	Introduction	<ul style="list-style-type: none"> -classroom vocabulary -useful expressions in class
2	Pinyin and Tones	<ul style="list-style-type: none"> -Pinyin system introduction -4 tones
3	Character Composition	<ul style="list-style-type: none"> -characters introduction -basic strokes -stroke order -radicals (1)
4	Basic Dialogues	<ul style="list-style-type: none"> -basic greetings -saying sorry -saying thank you -asking and saying your name -asking and saying your age -asking and saying how you are
5	Numbers	<ul style="list-style-type: none"> -numbers from 1 to 1000
6	Family	<ul style="list-style-type: none"> -the verb to have -measure word 个 -describing your family
7	Pets	<ul style="list-style-type: none"> -measure words 只 and 条

		-talking about pets
8	Birthdays	-dates -saying your birthday
9	Culture: China and the Chinese Language	-introduction to China -introduction to the Chinese language
10	Culture: Pets	-pets in China
Links with Citizenship		
UNESCO		-focus on UNESCO sites with cultural importance

ENGLISH

Unit	Topic	Main Points
Grammar & Vocabulary		
1	Parts of Speech/ Word Choice/ Word Transformation	-countable and uncountable nouns -noun suffixes -prepositions: time, place, movement -quantifiers: <i>a bit of, a few, many, much, a lot of, lots of</i> -adverbs of frequency -verbs followed by <i>to</i> or <i>-ing</i> -comparative and superlative adjectives -gradable and non-gradable adjectives -adjectives: prefixes and suffixes, adjectives with <i>-ed</i> or <i>-ing</i> , adjective order
2	Verb Tenses	-present simple & present continuous -past simple & past continuous -past with <i>used to</i> -present perfect: <i>just, already, yet, since, for</i> -present perfect vs. past simple -state verbs -introduction to modal verbs (ability and possibility; advice obligation and prohibition) -future
3	Vocabulary	-house and home -life choices: <i>fail, pass, take, lose, miss, study, teach, do, earn, make, spend, take, win</i> -leisure activities and hobbies -phrasal verbs -holiday activities: <i>travel, journey, trip</i> -buildings and places -feelings -television programs -going out: <i>been/gone, meet, get to know, know, find out</i> -weather
4	Usage & Expressions	- <i>so do I, nor, neither do</i> - <i>extremely, fairly, quite, rather, really, very, too, enough</i>
Writing		

5	Mechanics and Structure	-punctuation & capitalization -paragraph organization -linking and transition words
6	Writing Preparation	-writing part 1 - writing an email -writing part 2 - writing an article -writing part 2 - writing a story
Literature		
7	Elements of Literature*	-plot: <i>exposition, rising action, climax, falling action, resolution</i> -setting -4 types of conflict: <i>man vs. man, man vs. self, man vs. society, man vs. environment</i> -character traits
8	Traditional Literature*	-myth, legend, folktale, fable -frame story -identifying the theme and moral of a story
9	Novel Studies	Beowulf retold by Claire Moore -brief summary of type of story, plot, characters, setting, conflict; fight with Grendel; work on monsters and reflections on society. Hamlet (Black Cat edition) -historic context, type of story, plot, characters, setting, conflict Canterbury Tales by Geoffrey Chaucer retold by Robert Hill -Geoffrey Chaucer- life, works, historical context -prologue: character descriptions, professions, traits -selected tales: The Knight's Tale, The Nun's Priest's Tale, The Pardoner's Tale, The Wife of Bath's Tale, The Franklin's Tale -compare and contrast selected tales -study themes and morals of each tale -write own tale
Links with Citizenship		
UNESCO		-Focus on UNESCO sites with cultural importance
Emotions		-how to be a good friend
* "8 Elements of Literature" and "9 Traditional Literature" will be taught simultaneously while reading the novels listed in "10 Novel Studies"		

GEOGRAPHY

Unit	Topic	Main Points
1	Introduction	-what is geography? -3 features of geography: physical, natural, artificial -5 themes of geography: location, place, region, movement, human-environment interaction
2	Tools of Geography	-sun and compass points -globes and maps: longitude and latitude, map scale -photography and satellite imagery -graphs and charts (to be examined in demography unit)
3	Features of the World and Europe	-continents and oceans -main geographical features of Europe
4	Climate and the Environment	-what is climate/difference between climate and weather -main elements of climate: temperature, humidity, atmospheric pressure -4 climate factors & 5 climate zones -European climate and climate zones
5	European Biomes	-facts and features of the main European biomes
6	Transformation of the Landscape	-3 elements of earth (air, soil, water) and how they interact -endogenous processes: plate tectonics, types of plate movement, natural disasters -exogenous processes: weathering, erosion and transport, sedimentation, changes to earth's crust -endogenous + exogenous forces = the rock cycle
7	Mountains, Hills, and Plains	-features of mountains, hills and plains -main mountains, hills and plains of Europe and Italy
8	Rivers, Lakes, and Seas	-features of rivers, lakes and seas -main rivers, lakes, and seas of Europe and Italy
9	Cities	-features of cities -main cities of Europe and Italy
10	Human Geography	-demography: population and population changes, Italian population, women in Italy and Europe, migration in Italy and Europe -population density: urban vs. rural -economy: primary, secondary, tertiary, and quaternary
Links with Citizenship		
	UNESCO	-introduction to UN and UNESCO -natural/cultural heritage -criteria to be selected as a World Heritage Site

HISTORY

Unit	Topic	Main Points
1	Introduction	-what is history and what do historians do? -historical sources: primary, secondary, tertiary -measuring time -historical maps

2	Roman Invasions and End of Empire	-3rd century crisis: cause & effect -barbarian invasions -fall of the Western Roman Empire
3	The Byzantine Empire	-facts and features of the Byzantine Empire -Emperor Justinian -Italy after the Gothic Wars
4	The Arabian Peninsula and Islam	-the Arabian Peninsula -the birth of Islam -the importance of Jerusalem -comparison of 3 monotheistic religions: Judaism, Christianity & Islam
5	Beginning of the Middle Ages	-facts and features of the Middle Ages -organization of society: manors, feudal system, monks and monasteries
6	Charlemagne and The Holy Roman Empire	-Clovis and the Merovingians -Charlemagne and The Holy Roman Empire -Otto I and the Privilegium Othonis
7	The Year 1000	-the rebirth and the agricultural revolution -medieval markets -the banking system -medieval guilds -changes in cities
8	The Church vs The Empire	-church vs. church: the catholic/orthodox schism -church vs. empire: the investiture controversy -church vs. non-believers: heretics and heresy
9	Europe and the East	-pilgrims and pilgrimages -the fight for Jerusalem -the crusades: causes and effects
10	Italy vs. Empire I	-Frederick I Barbarossa -Italian communes -The Lombard League and the battle of Legnano -diplomacy in Sicily
11	Italy vs. Empire II	-Frederick II and Pope Innocence III -the second Lombard league -the Kingdom of Sicily and the Constitution of Melfi -the fall of the Kingdom of Sicily
12	The 13 th Century Crisis	-causes and effects of the 13 th century crisis -the black death

ITALIANO

Unit	Topic	Main Points
Morfologia		
1	Accoglienza	-che cos'è la morfologia -perché si studia la grammatica -parti variabili e invariabili del discorso -ripasso ortografico
2	Il nome	-funzione del nome

		<ul style="list-style-type: none"> -significato del nome: nomi comuni, propri, concreti, astratti, individuali, collettivi) -struttura del nome: nomi primitivi, derivati, alterati, composti -forma del nome: genere e numero -analisi grammaticale del nome
3	L'articolo	<ul style="list-style-type: none"> -funzione dell'articolo -significato dell'articolo: articoli determinativi, indeterminativi, partitivi -analisi grammaticale di articoli e nomi
4	L'aggettivo	<ul style="list-style-type: none"> -funzione dell'aggettivo -principali categorie: aggettivi qualificativi e aggettivi determinativi AGGETTIVO QUALIFICATIVO -significato, forma (genere e numero), concordanza nome-aggettivo, posizione, struttura (primitivi, derivati, alterati, composti) -i gradi dell'aggettivo qualificativo: grado positivo, comparativo, superlativo) AGGETTIVI DETERMINATIVI -possessivi, dimostrativi, numerali, indefiniti, interrogativi, esclamativi -analisi grammaticale di aggettivi, articoli e nomi
5	Il pronome	<ul style="list-style-type: none"> -funzione del pronome -tipi di pronome: pronomi determinativi, personali, relativi -differenza fra pronomi e aggettivi PRONOMI DETERMINATIVI -possessivi, dimostrativi, numerali, indefiniti, interrogativi, esclamativi PRONOMI PERSONALI -soggetto, complemento oggetto, complemento di termine, complemento indiretto, riflessivi, forme atone e forme toniche, composti PRONOMI RELATIVI -uso, posizione, doppi -analisi grammaticale di pronomi, aggettivi, articoli e nome
Epica		
1	Il mito	<ul style="list-style-type: none"> -Che cos'è un mito -miti della creazione, trasformazione, distruzione
2	Dei, eroi e mostri	<ul style="list-style-type: none"> -divinità del mondo antico -gli dei greci (e il loro corrispondente romano) -il concetto di eroe nell'antichità -il primo "supereroe": Gilgamesh -gli eroi dell'antica Grecia -mostri e fenomeni naturali
3	L'epica classica	<ul style="list-style-type: none"> -l'epica come genere letterario -che cos'è l'epica -le caratteristiche stilistiche dei poemi epici -la trasmissione orale dei poemi epici -Omero e Virgilio
4	Troia fra mito e realtà	<ul style="list-style-type: none"> -Troia nel mito -La scoperta di Troia: l'impresa di Heinrich Schliemann -La vera storia di Troia
5	Iliade, Odissea, Eneide	<ul style="list-style-type: none"> -i luoghi dell'epica classica -il mito della mela d'oro -Odissea: breve introduzione all'opera

		-Eneide: breve introduzione all'opera
6	Iliade	-introduzione all'opera -lettura del testo di narrativa -lettura di brani in versi
Antologia		
1	Accoglienza	-che cosa studiamo in antologia -perché fare antologia -perché leggere, perché scrivere
2	Il testo narrativo	-che cos'è un testo -tanti tipi di testi -che cos'è il testo narrativo -come sono fatti i testi narrativi (fatti, voce narrante, struttura, trama) -sequenze di un testo narrativo -personaggi -ambientazione -esercitazioni di comprensione scritta e primi esperimenti di scrittura
3	I testi narrativi più antichi: favole, fiabe, leggende	FAVOLA -origine, scopo, caratteristiche -i principali autori di favole: Esopo, Fedro, La Fontaine, L. da Vinci, L. Tolstoj FIABA -origine, scopo, caratteristiche -funzioni di Propp -Andersen e i fratelli Grimm: somiglianze e differenze LEGGENDA -origine, scopo, caratteristiche -l'intreccio fra fantasia e realtà -lettura e analisi di brani scelti -esercitazioni di comprensione scritta e orale -laboratori di scrittura
4	Il fantasy	-origine della narrativa fantasy -struttura di un racconto fantasy -temi principali -personaggi -linguaggio e tecniche narrative -i grandi autori del fantasy -lettura e analisi di brani scelti -esercitazioni di comprensione scritta e orale -laboratori di scrittura
5	Il testo poetico	-la poesia: un linguaggio speciale per trasmettere immagini, sentimenti e la propria visione del mondo -il suono e il ritmo di un testo poetico: verso, strofa, rima, accento -assonanze e consonanze -le principali figure di suono: allitterazione, paronomasia, onomatopea -significato denotativo e connotativo delle parole -figure retoriche principali: similitudine, metafora, personificazione -figure sintattiche principali: ripetizione, anafora, epifora -come si fa la parafrasi di un testo poetico

		-come si presenta un testo poetico -lettura e analisi di testi poetici scelti -parafrasi e presentazioni orali di testi poetici
Links with Citizenship		
International Days		-International Holocaust Remembrance Day

ICT

Unit	Topic	Main Points
1	Introduction	-the history of the computer: The Turing Machine, first to fifth generation of computers
2	Hardware	-parts of the computer
3	How a Computer Works	-inputs and outputs (binary system) -in devices – out devices
4	The Operative System	-what is the operating system -the most used operating systems -open source and licensed operating systems
5	Know and Use an Operating System	-main settings -files and folders -keyboard shortcuts
6	Create a Document	-how to create a document -how to save a document -how to copy and paste and duplicate a document
7	Documents	-different document extensions -associate a document with a specific software
8	Security	-recognize potential risks associated with the use of the most common information technologies
Links with Citizenship		
	Real Identity vs Digital Identity	-introduction to the concept of personal identity -identity cards and the right to have a name -creation of an identity document and a social media (fake) account -comparison and observations between the two
International Days		-International Day Against Bullying and Cyberbullying

MATHEMATICS

Unit	Topic	Main Points
1	Rational Thinking: Sets and Mathematical Problems	-introduction to sets -empty sets, infinite sets, finite sets -representation of a set -subsets

		<ul style="list-style-type: none"> -intersections and unions -mathematical language of graphs -maths problems
2	Decimal Number System	<ul style="list-style-type: none"> -the number -cardinal and ordinal numbers -the decimal system -absolute value and relative value -decimal notation -whole numbers and decimal numbers -polynomial forms
3	The Four Operations	<ul style="list-style-type: none"> -addition, subtraction, multiplication, division -expressions and order of operations (BEDMAS)
4	Powers of a Number	<ul style="list-style-type: none"> -exponentiation and laws of exponents -the 0 and 1st power -expressions with exponents -index notation and powers of 10 -scientific notation and order of magnitude
5	Divisibility, Divisors, and Multiples	<ul style="list-style-type: none"> -divisors and multiples -divisibility criteria -prime numbers and composite numbers: Eratosthenes' Sieve -prime factorization -fundamental theorem of arithmetic and application -greatest common factors (GCF) -least common multiples (LCM) -GCF and LCM problems
6	Fractions	<ul style="list-style-type: none"> -unit fractions -complementary fractions -proper and improper fractions -equivalent fractions -reducible and irreducible fractions -least common denominator -comparing fractions
7	Set of Rational Numbers	<ul style="list-style-type: none"> -rational numbers -operations with rational numbers: addition, subtraction and multiplication -fractions: inverses, reciprocals -dividing fractions -powers -expressions with rational numbers
8	Geometrical Entities	<ul style="list-style-type: none"> -introduction to geometry
9	Parts of a Line	<ul style="list-style-type: none"> -points, lines and planes -line segments and rays -comparing line segments -line segment operations
10	Angles	<ul style="list-style-type: none"> -definition -bisector -comparing angles -addition, subtraction, multiples and submultiples -complementary, supplementary, explementary angles

10	Lines on a Plane	-perpendicular and parallel lines -perpendicular bisector of a line segment -orthogonal projections
11	Polygons	-polygons and their properties -classification of polygons -triangles and quadrilaterals*
12	Cartesian Plane	-description -plotting points -graphing

* These chapters will be taught between the end of 6th grade and the beginning of 7th grade

TECHNICAL DRAWING

Unit	Topic	Main Points
1	Drawing Basics	-introduction to the subject -TD tools and how to use them -how to use a pencil: freehand and technical
2	Sheet Squaring	-practical activities
3	Geometrical Drawing	-practical activities
4	Cartesian Plane	-practical activities
5	Symmetry	-practical activities
6	Patterns	-practical activities
7	Optical Illusions	-practical activities
8	Measurements and Orientation in Space	-how to use technological information
9	Technology and Science	-difference and similarities
10	Technology of Materials	-wood, paper, ceramic, glass, fabric, metals, plastic, new materials

MUSIC

Unit	Topic	Main Points
1	What is Music?	-physics of music -philosophy of music -how music is useful
2	Prehistoric Music	-the origins of music -prehistoric music: sounds and instruments
3	Ancient Music	-Ancient East -Ancient West
4	Music Notation	-treble clef and bass clef -recognition of notes on the staff
5	How Does Music Make Us Feel?	-difference between sound and noise -sound experimentation
Links with Citizenship		

Emotional Education	-our emotions and how to manage them
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SCIENCE

Unit	Topic	Main Points
1	Introduction	-science and the scientific method -observe and measure -experiments and representing graphs
2	Matter and States of Aggregation	-matter and substance -mass, weight, density, and specific weight -the atomic theory of matter -the aggregation states of matter
3	Heat and Temperature	-thermal energy and thermal level -measurement of heat and temperature -changes of state -latent heat and specific heat -conduction, convection, and radiation
4	Water	-the earth -the hydrosphere -the water cycle
5	Atmosphere	-the atmosphere -atmospheric pressure
6	Lithosphere and Soil	-the soil and its origins -composition and characteristics of soil -the natural soil profile
7	Life	-living beings: the life cycle -cellular organization and reproduction -from cells to organisms -classification of living beings -kingdoms of living beings
8	Simplest Living Beings	-monera -protista -viruses -fungi
9	Plants	-the structure of plants: roots and stems -the leaf: structure and function -photosynthesis -from algae to bryophytes -tracheophytes: pteridophytes -spermatophytes: plants with flowers -reproductive cycle of angiosperms and gymnosperms -classification of plants
10	Animals: Invertebrates	-main characteristics of animals -feeding, reproduction, movement, and sensitivity -classification of animals: porifera, cnidarian, plathelminthes, nematodes, annelids, mulloscs, echinoderms, anthropods -the phylum chordata
11	Animals: Vertebrates	-general characteristics of vertebrates

		-5 groups of mammals: fish, amphibians, reptiles, birds, mammals
Links with Citizenship		
International Days		-World Water Day -Earth Day

SPANISH

Unit	Topic	Main Points
1	Welcome	- communication : communicating in class - vocabulary : the alphabet, classroom objects
2	Hello	- communication : saying hello and goodbye, introductions and introducing oneself, asking for and giving information - vocabulary : days of the week, parts of the day, salutations, numbers to 20, countries and nationalities - grammar : subject pronouns, present tense of verb 'ser', articles (masculine and feminine), making plurals, present tense –ar verbs, reflexive pronouns - culture : Spanish spoken around the world
3	My Family	- communication : describing physical characteristics and personality traits - vocabulary : family, physical descriptions, personality descriptions, colours, pets - grammar : demonstrative adjectives and pronouns, present tense –er and –ir verbs, present tense of verb 'tener', possessive adjectives - culture : the Spanish Royal Family
4	My House	- communication : describe a setting, describe location - vocabulary : rooms in the house, adjectives, ordinal numbers, furniture, states of being - grammar : present tense of verbs 'estar', 'dar', 'ir', hay/està, estàn, direct and indirect object pronouns - culture : types of Spanish houses
5	Likes and Dislikes	- communication : expressing preferences, expressing agreement and disagreement - vocabulary : sports, hobbies, adjectives, numbers to 100 - grammar : complement pronouns, 'gustar' and other pronomial verbs, muy/mucho/poco/demasiado/bastante - culture : Spanish athletes

STUDY SKILLS

Unit	Topic	Main Points
1	Different learning styles and how the brain works The VARK model	-understanding the personal way of learning and thinking -how the brain processes information how to employ techniques that will improve the rate and quality of learning

		<ul style="list-style-type: none"> -understanding learning strategies based on student's individual learning styles to improve learning and performance -improve retention/memorisation of content area material that will aid in the preparation for tests
2	Visual Learner	<ul style="list-style-type: none"> -how the brain of a Visual learner works and how it can be solicited -how a Visual learner can create and improve learning techniques
3	Auditory learner	<ul style="list-style-type: none"> -how the brain of an Auditory learner works and how it can be solicited -how an Auditory learner can create and improve learning techniques
4	Reading-Writing learner	<ul style="list-style-type: none"> -how the brain of a Reading-Writing learner works and how it can be solicited -how a Reading-Writing learner can create and improve learning techniques
5	Kinesthetic learner	<ul style="list-style-type: none"> -how the brain of a Kinesthetic learner works and how it can be solicited -how a Kinesthetic learner can create and improve learning techniques
6	Time management	<ul style="list-style-type: none"> -how to manage studying time -setting goals for oneself leads to improve academic and real-life preparedness -anticipate upcoming changes and identify modifications necessary to adapt -establish a timeline to work towards a goal -prioritize and manage time effectively
7	Concentration management	<ul style="list-style-type: none"> -concentration: meanings and personal management -how to improve concentration skills -how to create an effective place of study -how to plan a study week