

7th GRADE CURRICULUM TOPICS A.S. 2021-2022



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ART

Unit	Topic	Main Points
1	Romanesque Art	-revision: from Romanesque to Gothic
2	Gothic Art	-Gothic art and architecture: innovations in cathedral architecture -materials and structures: stained-glass windows
3	Late Gothic Art	-painting: the transition away from the Byzantine style -Giotto and the fresco technique -focus: art and architecture in the Middle Ages in Ferrara
4	Early Renaissance in Italy	-emergence of the Italian Renaissance: influences -humanism technical discoveries: the rules of perspective -figure representation in 3D study of early Renaissance painting, sculpture, and architecture -artists: Brunelleschi, Masaccio, Donatello, Botticelli, Piero della Francesca
5	High Renaissance in Italy	-technical discoveries and innovations -study of Renaissance painting, sculpture and architecture -artists: Leonardo, Michelangelo, Raphael, etc. -focus: Ferrara city of the Renaissance -technical discoveries and innovations -study of Renaissance painting, sculpture and architecture -comparison of the Italian Renaissance and the Northern Renaissance -focus: Ferrara city of the Renaissance
6	Baroque	-development of Baroque art in the context of the Counter-Reformation -study of Baroque painting, sculpture and architecture: styles and innovations -Artists: Caravaggio, Gentileschi, Bernini, Rubens, Van Eyck, Rembrandt, Vermeer, Velazquez
7	Rococo	-development of a new style of art and architecture in France -the Palace of Versailles -decorative style and theatrical effects in painting -The Enlightenment and the Grand Tour: paintings by Canaletto and Tiepolo
Links with Citizenship		
Respect and Enhancement of Cultural Heritage		-Ferrara and its cultural wealth

BUSINESS

Unit	Topic	Main Points
1	Business production	-the production process: services and goods -needs and wants -sectors of production -mind map
2	Commerce and trade	-definition and employment of the basic elements of Commerce: warehouse, transport, distribution, insurance, banking and marketing/advertising -home trade and foreign trade -the distribution chain -mind map
3	Types of economic systems	-planned economy -free economy -mixed economy -crowdsourcing: how to help people with your money -non-profit organisation -charity -definition of "mission statement" -mind map
4	Marketing	-the marketing mix: the 4 Ps -product life cycle (consciousness of the products we buy and use) -market research: definition and methods
5	Advertising	-advertising: history and purpose -advertising media -mind map
6	Globalisation	-globalisation -economic globalisation and global sustainability -mind map
7	Class project	-how to create a business plan in PDF by considering: logistic management (things we need to produce something), an ideal website (front page and links), commercial letters (how to get in touch with profitable companies), marketing research (understand our customers with marketing questionnaires.. but which questions?!), advertising (newspapers and media: how to write it)

CHINESE

Unit	Topic	Main Points
1	Classroom Vocabulary & Classroom Expressions	.words and expressions review -what the students say

2	Pinyin Introductions and Tones	-Pinyin system (1) -4 tones review
3	Character Composition	-characters composition review -basic strokes review -stroke order review -radicals (2)
4	Hobbies	-hobbies vocabulary -saying what you like doing
5	Sports	-sports vocabulary -saying what sport you can do
6	School	-school subjects vocabulary -saying what subject you like -talking about your timetable -describing a day at school
7	Time	-time vocabulary -telling the time
8	Days of the Week	-talking about what you do during the week
9	Culture: School in China	-types of schools -Chinese school system -a day in the life of a Chinese student

ENGLISH

Unit	Topic	Main Points
Grammar & Vocabulary		
1	Parts of Speech/ Word Choice/ Word Transformation	-comparative and superlative adjectives -gradable and non-gradable adjectives -adjectives: prefixes and suffixes, adjectives with <i>-ed</i> or <i>-ing</i> , adjective order -relative clauses -reported speech, reported commands, reported questions, indirect questions
2	Verb Tenses	-present perfect: <i>just, already, yet, since, for</i> -present perfect vs. past simple -state verbs -introduction to modal verbs -future -zero, first, second conditionals -past perfect -imperative: commands and instructions -passive: present simple, past simple
3	Vocabulary	-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 -describing people

		-illness and accidents -sports: <i>do, go, play</i> -shops and services: <i>course, dish, food, meal, plate</i> -the environment -using your phone: <i>ask, ask for, speak, talk, say, tell</i>
4	Usage & Expressions	- <i>extremely, fairly, quite, rather, really, very, too, enough</i> - <i>when, if, unless</i> + present/future - <i>have something done</i>
Writing		
5	Mechanics and Structure	-punctuation & capitalization -paragraph organization -linking and transition words
6	Introduction to essays	-expository writing -descriptive text
7	Writing Preparation	-writing part 1 - writing an email -writing part 2 - writing an article -writing part 2 - writing a story
Literature		
8	Elements of Literature*	-setting and atmosphere -character traits and character development -theme vs motifs -point of view and narrator
9	Novel Studies	- The Merchant of Venice by W. Shakespeare (Black Cat) -introduction to Elizabethan Era and Shakespeare's life/career, definition of Shakespearean comedy, Venice's racial history and prejudices of the Jewish faith, plot and characters, rewriting and dramatization of scenes, themes: friendship, wealth, justice, race. -A selection of short stories from Mind the Character (Black Cat edition)
* "8 Elements of Literature" will be taught simultaneously while reading the texts listed in "9 Novel Studies"		
** Venice's racial history and prejudices against the Jews will be considered a shared project with Citizenship		
Poetry		
10	Poetry	-figurative language -poetic devices -focus on sonnets: Petrarchan VS Elizabethan sonnets
11	Poetry Studies	-Shakespeare's selected poems . -Selected poems from the Romantic age .
Link with Citizenship		
The Jews		-Venice's racial history and prejudices as seen in Shakespeare. -Venice's ghetto
Women		-Patriarchal society and the role of women -Concept of beauty
Climate Change		-The effects of changes in the environment on people

GEOGRAPHY

Unit	Topic	Main Points
1	Definition of State and forms of government	-what is a state? -territory, people, sovereignty -monarchies and republics
2	European Union	-history of the EU -Eurozone -Schengen Agreements
3	Iberian Peninsula	-introduction to the region -general features -main countries (e.g. Spain, Portugal...)
4	Atlantic Europe	-introduction to the region -general features -main countries (e.g. France, Belgium...)
5	British Europe	-introduction to the region -general features -main countries (e.g. United Kingdom, Ireland...)
6	Nordic Europe	-introduction to the region -general features -main countries (e.g. Norway, Sweden, Finland...)
7	Germanic Europe	-introduction to the region -general features -main countries (e.g. Germany, Switzerland...)
8	Central-Eastern Europe	-introduction to the region -general features -main countries (e.g. Poland, Hungary, Romania...)
9	South-Eastern Europe	-introduction to the region -general features -main countries (e.g. Serbia, Bosnia-Herzegovina, Greece...)
10	Eastern Europe	-introduction to the region -general features -main countries (e.g. Ukraine, Belarus...)
Links with Citizenship		
The Italian Constitution & the Main Institutions of the Italian State		-what is a constitution? -12 fundamental principles of the Italian Constitution -meaning of “democratic republic” -parliament, government, and judicial
European Union		-EU main institutions -Europe Day
Active Citizenship: Participation in Political Life		-meaning of political and administrative elections, and referendums -right to vote and responsibility to inform yourself -rights and responsibilities of citizens

HISTORY

<u>Unit</u>	<u>Topic</u>	<u>Main Points</u>
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1	Birth of National Monarchies	-England (William the Conqueror, Magna Charta Libertatum) -France (Philip the Fair VS Pope Boniface VIII, Estates General, Avignon Papacy, Western Schism) -Spain (Reconquista) -German Holy Roman Empire (Golden Bull) -birth of the Ottoman Empire
2	XIV-XV Centuries	-The Hundred Years' War -The Italian situation -The balance of power -Humanism and Renaissance
3	Beginning of the Modern Age	-geographical discoveries -Italian Wars and Charles the V -Protestant Reformation and Counter Reformation
4	Modern Conflicts (XVI Century)	-Henry VIII and Elizabeth I of England -Philip II of Spain -Elizabeth I vs Philip II: The Invincible Armada -Religious wars in France
5	XVII Century	-European situation -Birth of Triangular Trade -Scientific Revolution -The Thirty Years War -France: Richelieu, Mazzarino and Louis XIV -England: Charles I, Oliver Cromwell and the Glorious Revolution
6	XVIII Century	-The Age of Enlightenment -the birth of colonial empires -The Industrial Revolution -The American Revolution -The French Revolution -Napoleon
Links with Citizenship		
Respect and Enhancement of Cultural Heritage		-Ferrara and its cultural wealth

ITALIANO

Unit	Topic	Main Points
Morfologia		
1	Pronomi determinativi e personali: ripasso	-pronomi e aggettivi -pronomi determinativi -pronomi personali soggetto e complemento
2	Pronomi	-pronomi: personali riflessivi, personali composti, relativi -analisi grammaticale dei pronomi
3	Verbi	-funzione del verbo -struttura del verbo -coniugazioni -modi e tempi -il genere del verbo: transitivo e intransitivo

		<ul style="list-style-type: none"> -la forma del verbo: attiva, passiva, riflessiva -verbi irregolari -verbi difettivi e sovrabbondanti -analisi grammaticale del verbo
4	Avverbi	<ul style="list-style-type: none"> -funzione dell'avverbio -forma dell'avverbio -tipi di avverbio -gradi dell' avverbio -analisi grammaticale di avverbi e locuzioni avverbiali
5	Preposizione	<ul style="list-style-type: none"> -funzione della preposizione -forma della preposizione: propria, impropria, locuzioni prepositive -analisi grammaticale di preposizioni e locuzioni prepositive
6	Interiezione	<ul style="list-style-type: none"> -funzione dell'interiezione -forma della interiezione -analisi grammaticale di interiezioni e locuzioni esclamative
7	Congiunzione	<ul style="list-style-type: none"> -funzione della congiunzione -forma della congiunzione -congiunzioni coordinanti e subordinanti -analisi grammaticale di congiunzioni e locuzioni congiuntive
Epica		
1	Dall'epica classica all'epica medievale	<ul style="list-style-type: none"> -ripasso: le caratteristiche principali dell'epica classica -l'epica medievale o cavalleresca: contesto storico -l'epica medievale.o cavalleresca: caratteristiche -i filoni narrativi -la trasmissione -le <i>chansons de gestes</i>
2	i romanzi e i poemi cavallereschi	<ul style="list-style-type: none"> -maghi, dame e cavalieri: i protagonisti -temi tipici -ciclo bretone (i cavalieri di re Artù) -il canto dei Nibelunghi -El Cid Campeador -Il ciclo carolingio (Orlando e i paladini di Carlo Magno)
3	Testo di narrativa	<ul style="list-style-type: none"> -Boiardo e Ariosto a confronto -dall'Orlando innamorato all'Orlando furioso -lettura del testo di narrativa
Antologia		
1	Il testo narrativo	<ul style="list-style-type: none"> -chi racconta e chi scrive (narratore e autore, narratore interno ed esterno) -il tempo del racconto (il tempo come ordine e come durata) -il ritmo narrativo e la suspense -i personaggi -scrivere il riassunto di un testo narrativo
2	Il racconto horror	<ul style="list-style-type: none"> -le caratteristiche del racconto horror -la storia del genere horror -i grandi autori dell'horror -lettura e analisi di brani scelti

		-approfondimento: <i>Lo strano caso del dottor Jekyll e del signor Hyde</i>
3	Il racconto giallo	-le caratteristiche del genere -il giallo d'enigma e il giallo d'azione -i grandi autori del genere giallo -lettura e analisi di brani scelti fra i maggiori autori di racconti gialli. -approfondimento: <i>Agatha Christie, Assassinio sull'Orient Express</i>
4	La lettera, il diario e autobiografia: i testi emotivo espressivi	-la lettera personale -struttura e caratteristiche della lettera personale -lettura di brani scelti -il diario personale -struttura e caratteristiche del diario personale -lettura di brani scelti -la struttura e le caratteristiche dell'autobiografia -lettura di brani scelti -approfondimento: <i>Persepolis</i>
5	La poesia	-lo schema metrico -tipi di strofe -altre figure retoriche di significato, suono e posizione -individuare argomento, tema e messaggio di un testo poetico -scrivere la parafrasi di un testo poetico -lettura e analisi di poesie scelte dei maggiori autori italiani e stranieri
Links with Citizenship		
Respect and Enhancement of Cultural Heritage		-Ferrara and its cultural wealth

ICT

Unit	Topic	Main Points
1	Introduction	-online collaboration softwares
2	G Suite(Classroom) Google doc	-Google Drive -how to create a text document and convert it in different formats -Formatting styles -Discover the formatting -Paginarion
3	The Breadcrumbs	-how to find documents in G Drive
4	Create a presentation	-The themes -Using images in presentations -Using sounds in presentations -Use of tables and graphs
5	What is a browser?	-different types of browsers -the language of the browser (Html)
6	How web pages are made up	-Structure of a web page -The transmission protocols

7	Understanding HTML	-markups -basic -elements -attributes
8	Security	-recognize potential risks associated with the use of the most common information technologies
Links with Citizenship		
Digital Citizenship Education		-effective online communication
International Days		-International Day Against Bullying and Cyberbullying

MUSIC

Unit	Topic	Main Points
1	Medieval Music	-Liturgical music -Gregorian chants
2	Choir	-division of voices in a choir -discussion on exclusion of women in music
3	Medieval Instruments	-percussions -strings -winds -organ vs piano
4	Renaissance Music	-Pagan music vs Liturgical music -Madrigali
5	Renaissance Authors	-Josquin des prez -Palestrina -Monteverdi
6	Baroque Music	-the big return of improvisation -exaggeration -birth of music notation as we know it
7	Baroque Authors	-Bach -Vivaldi -Handel

MATHEMATICS

Unit	Topic	Main Points
1	Rational Numbers: Decimals and Fractions	-decimal numbers -from fractions to decimal numbers -from decimal numbers to fractions -operations and expressions with decimal numbers
2	Root extraction and Irrational Numbers	-definition -how to calculate square roots -properties of square roots -use of square roots table -irrational numbers
3	Ratio and Proportion	-magnitude ratios

		<ul style="list-style-type: none"> -scale representations -proportion and its properties -calculation of the unknown -percentages -problems with percentages -directly and inversely proportional magnitudes -principles of proportionality and graphical presentations -proportionality problems: the Rule of Three (simple proportion) and distribution
4	Functions	<ul style="list-style-type: none"> -what is a function -types of function -problems with functions
5	Equivalence and Area of Flat Shapes	<ul style="list-style-type: none"> -flat figures -equivalent and equidecomposable flat figures -definition of surface and area -how to calculate the area
6	Pythagorean Theorem	<ul style="list-style-type: none"> -primitive and derivative Pythagorean triples -Pythagoras' theorem -applications of the Pythagorean theorem to flat figures
7	Similarity	<ul style="list-style-type: none"> -definition -criteria for similarity
8	Circumference and Circle	<ul style="list-style-type: none"> -definition -parts of circumference and circle -circumference, points, and lines -angles at circumference and circle -pairs of circumferences
9	Circumcircle and Incircle	<ul style="list-style-type: none"> -inscribed and circumscribed polygons -area of a circumscribed polygon -regular polygons -area of a circumscribed regular polygon

TECHNICAL DRAWING

Unit	Topic	Main Points
1	Climate change	<ul style="list-style-type: none"> -what is climate change -global point of view
2	Crops and Livestock Farming	<ul style="list-style-type: none"> -description -techniques and technology -investigation of local farming
3	Food and Nutrition Education	<ul style="list-style-type: none"> -what the world eats -nutrition facts on food labels -healthy lifestyles
4	Food Industry	<ul style="list-style-type: none"> -from farm to table -techniques and technology used in food production -slow vs fast food -environmental impact of the food industry (deforestation, animal mistreatment, genetically modified foods, etc.)
5	Food Preservation	<ul style="list-style-type: none"> -types of methodologies: natural and chemical

		-benefits and consequences of food preservation
6	Waste, Pollution, Sustainability	-what is waste -ways to reduce waste -main pollution causes -responsible consumerism
7	Use of Technical Drawing Tools	-orientation and compasses -geographic coordinates -map features -map classification according to the scale used -from earth's surface to map -contour lines
8	Reproduction of Scale Drawings	-scale representations -scale drawing -scale drawings using the grid method -reduction and enlargement of geometric figures -practical activities

SCIENCE

Unit	Topic	Main Points
1	The Atom	-nucleus and orbits -protons, neutrons and electrons -The Periodic Table -electron configuration -chemical bonds (ionic, covalent, metallic)
2	Chemical Reactions	-physical and chemical transformations -simple substances and compounds -symbols and formulas -Lavoisier's laws -oxidation and combustion -acids, bases, salts -pH: meaning and scale
3	Motion	-characteristics of motion -velocity -graphical representations of motion -variable motion -uniform rectilinear motion -uniform accelerated motion
4	The Basics of Dynamics	-definition of force -effect of forces -the composition of forces -I, II and III principles of dynamics (Newton's laws)
5	The Digestive Apparatus	-food and nutrients -the system structure and its functions: mouth, oesophagus, stomach, intestine, liver and pancreas
6	The Respiratory Apparatus	-respiration and exchange of gases -cellular respiration -the higher respiratory tract -the lower respiratory tract

		-composition of inhaled and exhaled air
7	The Circulatory Apparatus	-blood: corpuscles and plasma -blood vessels: veins and arteries -the heart: structure and cardiac cycle -blood circulation: large and small -the lymphatic system and lymph nodes
8	The Integumentary System	-our skin (epidermis, derma, hypodermis) -functions of each layer
9	Bones and the Skeleton	-function of the skeleton -bones of the human body: shape and structure -the main bones -fixed, mobile and semi-mobile articulations
10	Muscles and Movement	-what muscles are for -muscle structure -muscles of the human body -muscle contractions -movements enabled by the muscles -muscles and levers
Links with Citizenship		
	Food and Body Care Education	-food pyramid -healthy habits -body care: meaning and good practises

SPANISH

Unit	Topic	Main Points
1	Review	- communication : physical and emotional states of being - vocabulary : physical and emotional states of being - grammar : complement pronouns, present tense 'dar', 'ir'
2	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
3	Routines and Habits	- communication : ask and say the time, talk about habits, talk about frequency of events, congratulations/best wishes - vocabulary : routines, school subjects, month and seasons - grammar : verbs with spelling changes e ie / o ue / e i - culture : mealtimes in Spain
4	The Future	- communication : making future plans, making and accepting/refusing suggestions, saying the date - vocabulary : modes of transportation, numbers to 1000 - grammar : ir a / pensar + infinitivo, ir/venir, traer/llevar, pedir/preguntar, possessive pronouns - culture : <i>El Camino de Santiago</i>

5	Making a Phone Call	<p>-communication: talking on the phone, discussing the weather, expressing habitual actions and actions in progress</p> <p>-vocabulary: cell phones, the weather</p> <p>-grammar: review present tense regular / irregular verbs, present continuous: 'estar' + gerund</p> <p>-culture: weather in Spain</p>
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STUDY SKILLS

Unit	Topic	Main Points
1	Different learning styles and how the brain works The VARK model	<p>-understanding the personal way of learning and thinking</p> <p>-how the brain processes information</p> <p>how to employ techniques that will improve the rate and quality of learning</p> <p>-understanding learning strategies based on student's individual learning styles to improve learning and performance</p> <p>-improve retention/memorisation of content area material that will aid in the preparation for tests</p>
2	Visual Learner	<p>-how the brain of a Visual learner works and how it can be solicited</p> <p>-how a Visual learner can create and improve learning techniques</p>
3	Auditory learner	<p>-how the brain of an Auditory learner works and how it can be solicited</p> <p>-how an Auditory learner can create and improve learning techniques</p>
4	Reading-Writing learner	<p>-how the brain of a Reading-Writing learner works and how it can be solicited</p> <p>-how a Reading-Writing learner can create and improve learning techniques</p>
5	Kinesthetic learner	<p>-how the brain of a Kinesthetic learner works and how it can be solicited</p> <p>-how a Kinesthetic learner can create and improve learning techniques</p>
6	Summary Writing	What information we have to ignore, to substitute and to keep in order to be better able to understand what we are reading, how to identify key information and to retain information
7	Build and sharpen the memory	Understanding how our memory works: long-term and short-term memory
8	Different ways to improve memory	How to improve short-term and long-term memory in different ways through active practice
9	The memory palace	Understanding how learning skills can improve by building a personal memory palace