

To be the school of choice for those who seek to be future leaders

LEARNING OBJECTIVES

GRADE SIX

cognia™



مدارس قمم الحياة العالمية

Qimam El-Hayat International Schools

By the end of the year students are expected to:

Subject	Learning Objectives
<h3 style="color: red;">English Language</h3>	<ul style="list-style-type: none"> • set a purpose for reading. • cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text. • determine a theme or central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments. • describe how a narrator's or speaker's point of view influences how events are described. • describe how a particular story's or drama's plot unfolds in a series of episodes as well as how the characters respond or change as the plot moves toward a resolution. • make inferences before, during, and after to extend ideas beyond the text Explain. • analyze how a particular sentence, chapter, scene, or stanza fits into the overall structure of a text and contributes to the development of the theme, setting, or plot. • explain how an author develops the point of view of the narrator or speaker in a text. • identify author's purpose. • identify main idea and supporting details. • compare and contrast texts in different forms or genres (e.g., stories and poems; historical novels and fantasy stories) in terms of their approaches to similar themes and topics. • determine a central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments. • restate key ideas. • explain how a series of chapters, scenes, or stanzas fits together to provide the overall structure of a particular story, drama, or poem events, ideas, or concepts in a historical, scientific, or technical text based on • demonstrate command of the conventions of standard English grammar and usage when writing or speaking. • identify different kinds of sentences based on purpose. (declarative, imperative, interrogative, exclamatory). • identify different kinds of sentences based on structure. (simple, compound, complex, compound-complex) • identify and use different kinds of subjects and predicates correctly. (simple subject, complete subject, simple predicate, complete predicate.....etc) • ensure that pronouns are in the proper case (subjective, objective, possessive). • use intensive pronouns (e.g., myself, ourselves). • recognize and correct inappropriate shifts in pronoun number and person. • identify and use the phrase correctly (adjective phrase, adverb phrase) • recognize and correct vague pronouns (i.e., ones with unclear or ambiguous antecedents). • use subject-verb agreement correctly. • use pronoun-antecedent agreement to include indefinite pronouns. • use punctuation (commas, parentheses, dashes) to set off nonrestrictive/parenthetical elements. • identify verb phrases in sentences. • recognize, identify, and use correct verb tenses. (present tense, past tense, future tense.....etc). • recognize and use different kinds clauses correctly (adjective clause, adverb clause, noun clause) • choose adverbs to describe verbs, adjectives, and other adverbs. • recognize and use different kinds clauses correctly • determine or clarify the meaning of unknown and multiple-meaning words and phrases by using context clues, analyzing meaningful word parts, and consulting general and specialized reference materials, as appropriate. • understand vowel patterns. • use sentence-level context as a clue to the meaning of a word or phrase. • understand silent consonants in multi syllable words. • understand common prefixes, syllables, and word roots. • understand syllable patterns. • understand synonyms: define a word by writing a word that means the same. • understand antonym: define a word by writing a word that means the opposite. • classify words: define a word by indicating its semantic features. • exemplify: define a word by providing an example, a picture or a specific object. • compare: define each word by providing an example and a statement of how the example differs from the referent. • demonstrate understanding of word relationships and nuances in word meanings. • use common, grade appropriate Greek or Latin affixes and roots as clues to the meaning of a word (e.g., audience, auditory, audible). • set a purpose for writing. • introduce a topic; organize ideas, concepts, and information, using strategies such as definition, classification, comparison/contrast, and cause/effect; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension. • develop the topic with relevant facts, definitions, concrete details, quotations, or other information and examples. • use appropriate transitions to clarify the relationships among ideas and concepts. • use precise language and domain-specific vocabulary to inform about or explain the topic. • establish and maintain a formal style. • provide a concluding statement or section that follows from the information or explanation presented. • write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences. • engage and orient the reader by establishing a context and introducing a narrator and/ or characters; organize an event sequence that unfolds naturally and logically. • use a variety of transitional words and phrases to manage the sequence of events. • use narrative techniques, such as dialogue, pacing, and description, to develop experiences, events, and/or characters. • use precise words and phrases, relevant descriptive details, and sensory language to convey experiences and events. • produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (grade specific expectations for writing types are defined in standards.

Subject	Learning Objectives
<p style="text-align: center;">Math</p>	<p>Ratios and Proportional Relationships</p> <ul style="list-style-type: none"> • understand ratio concepts and use ratio reasoning to solve problems. <p>The Number System</p> <ul style="list-style-type: none"> • apply and extend previous understandings of multiplication and division to divide fractions by fractions. • compute fluently with multi-digit numbers and find common factors and multiples. • apply and extend previous understandings of numbers to the system of rational numbers. <p>Expressions and Equations</p> <ul style="list-style-type: none"> • apply and extend previous understandings of arithmetic to algebraic expressions. • reason about and solve one-variable equations and inequalities. • represent and analyze quantitative relationships between dependent and independent variables. <p>Geometry</p> <ul style="list-style-type: none"> • solve real-world and mathematical problems involving area, surface area, and volume. <p>Statistics and Probability</p> <ul style="list-style-type: none"> • develop understanding of statistical variability. • summarize and describe distributions.
<p style="text-align: center;">Science</p>	<ul style="list-style-type: none"> • learn that all living things are made up of cells, which is the smallest unit that can be said to be alive. • learn that within cells, special structures are responsible for particular functions, and the cell membrane forms the boundary that controls what enters and leaves the cell. • learn that in multicellular organisms, the body is a system of multiple interacting subsystems. • learn that animals engage in characteristic behaviors that increase the odds of reproduction. • learn that plants reproduce in a variety of ways, sometimes depending on animal behavior and specialized features for reproduction. • learn that genetic factors as well as local conditions affect the growth of the adult plant. • learn that each sense receptor responds to different inputs (electromagnetic, mechanical, chemical), transmitting them as signals that travel along nerve cells to the brain. • learn that organisms reproduce, either sexually or asexually, and transfer their genetic information to their offspring. • learn that variations of inherited traits between parent and offspring arise from genetic differences that result from the subset of chromosomes. • learn that in sexually reproducing organisms, each parent contributes half of the genes acquired (at random) by the offspring. • learn that water continually cycles among land, ocean, and atmosphere via transpiration, evaporation, condensation and crystallization, and precipitation. • learn that global movements of water and its changes in form are propelled by sunlight and gravity. • learn that variations in density due to variations in temperature and salinity drive a global pattern of interconnected ocean currents. • learn that weather and climate are influenced by interactions involving sunlight, the ocean, the atmosphere, ice, landforms, and living things. • learn that the ocean exerts a major influence on weather and climate by absorbing energy from the sun, releasing it over time. • learn that human activities have significantly altered the biosphere, sometimes damaging or destroying natural habitats and causing the extinction of other species. • learn that human activities, such as the release of greenhouse gases from burning fossil fuels, are major factors in the current rise in Earth’s mean surface temperature (global warming). • learn that temperature is a measure of the average kinetic energy of particles of matter. • learn that the amount of energy transfer needed to change the temperature of a matter sample. • learn that energy is spontaneously transferred out of hotter regions or objects and into colder ones.

Subject	Learning Objectives
<p style="text-align: center;">Social Studies</p>	<ul style="list-style-type: none"> • learn some different physical features that shape North America and South America. • recognize the characteristics of North America and South America. • learn some facts about the population, languages, major cities, natural landmarks and man-made landmarks in each continent. • learn the geography of some countries in North America and South America including different types of physical features and water bodies. • learn facts about some countries such as borders, capital city, major cities, government system, climate, nature, culture, famous places, religion, population, agriculture, industry, economy, imports, exports, and natural resources. • learn some different physical features that shape Europe, the climate, the major cities, the nature, the natural resources, and the characteristics of some European countries. • learn the geography of some European countries in different regions, and some facts about the borders, capital city, major cities, currency, government system, culture, sports, landmarks, transportation, population, famous people, language, information technology, natural resources, industry, imports, exports, and economy. • learn about the history of the Native Americans and their culture groups. • understand how the Native Americans protect their heritage and culture till today. • learn about the history of the European colonization of America. • learn some facts about the Thirteen Original English Colonies, and the Middle Colonies such as geography, climate, founders, location, life style, and history. • learn the history of slavery, the French and Indian War, King Phillip’s War and how they affect the region. • understand the cause and the effects of the American Revolution and how it shaped the American future and the independence of the United States from Great Britain.
<p style="text-align: center;">French</p>	<ul style="list-style-type: none"> • les activités pendant les vacances (quand – où – Qu’est-ce que je fais) • les jeux sportifs • de (le – la – l’ – les) • vocabulaires de technologie • vocabulaires d’ordinateurs • les activités et les sports • v. faire • v. aller, v. couper, v. ajouter, v. laver, v. verser, v. placer • vocabulaires d’environnement • parler du futur • les rêves pour le futur • les métiers (masculin & féminin) • v. être, avoir, faire (au futur) • vocabulaires de la cuisine • vocabulaires de recettes • homonymes
<p style="text-align: center;">Computer Science</p>	<ul style="list-style-type: none"> • understand the uses of the information and communication technology. • learn about viruses and how they can protect their computers from it. • understand the concepts of software copyrights. • learn the ethics of using the Internet. • understand what the slide master is and how it can be used. • learn how to use the insert menu commands such as add action buttons, headers and footers and charts. • create hyperlinks. • create video and how they can print their presentations. • understand what a database is and how it is organized in terms of tables, records and fields. • explore the opening screen of MS Access and identify data types. • understand how they can create tables and the concept of primary key. • learn how they can add and delete fields and records. • learn how can manipulate data using filters. • learn how can they create a form to add, modify and delete data in records. • understand that a query is used to extract and analyze data. • understand that a report is used to print selected information from a table or a query.

Subject	Learning Objectives
<p style="text-align: center;">Arabic Language</p>	<ul style="list-style-type: none"> • يتعرف مصطلحات جديدة (الصحابي، التابعي، القدوة، الخليفة، السيرة). • يتعرف شخصيات إسلامية تمثل قدوة في حياته. • يملأ (خارطة، بطاقة تعريف (متعلقة ببعض الشخصيات). • يرتب الصفات التي يرى أنها تمثل قدوة في حياته. • ينشد المقطوعات الشعرية إنشادًا ملحنًا معبرًا. • يتعرف على كل ما يتعلق بـ (همزة ابن، وهمزتي القطع والوصل). • يفرق بين الصفة والحال. • يفرق بين أنواع الضمانر. • يعرف الفرق بين النكرة والمعرفة. • يقتدي بالنماذج العليا من رجال و نساء الأمة الإسلامية. • يبحث و يكتب في أحد الأعمال المحددة و يضمه ملف تعلمه. • يمثل أدوار الحوار. • يصنف النباتات و الحيوانات البرية و البحرية حسب بيئتها. • يتعرف مصطلحات جديدة خاصة بالمحور (التصحر، الاحتطاب، الانقراض، الرعي الجائر، المحمية الطبيعية). • يناقش مجموعته و يبدي رأيه في قضايا خاصة. • يبحث و يكتب في أحد الموضوعات التي يحددها.
<p style="text-align: center;">Islamic Studies</p>	<ul style="list-style-type: none"> • التعرف على بعض أحكام التجويد (الترخيم و الترقيق – القلقة – اللامات السواكن – علامات الوقف في المصحف الشريف). • تعلم أهمية محبة النبي صلى الله عليه وسلم وفضل الصلاة عليه و مواطنها. • التأسي بالنبي صلى الله عليه وسلم في صلاته. • التعرف على منهج أهل السنة والجماعة نحو النبي وأهل بيته وزوجاته وصحابته. • التعرف على أحكام الزكاة ومكانتها ومصارفها. • التعرف على أحكام الصوم ومكانته. • التعرف على أحكام الحج والعمرة ومواقفهما.
<p style="text-align: center;">Saudi Social</p>	<ul style="list-style-type: none"> • التعرف على ملوك المملكة العربية السعودية. • التعرف على نشأة الملك سلمان وإنجازاته. • التعرف على رؤية المملكة وبرامجها. • التعرف على جغرافية المملكة العربية السعودية.

The End