

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

# LEARNING OBJECTIVES

## GRADE FOUR

**cognia™**



مدارس قمم الحياة العالمية

**Qimam El-Hayat International Schools**

## By the end of the year students are expected to:

Subject	Learning Objectives
<b>English Language</b>	<ul style="list-style-type: none"> <li>• set a purpose for reading.</li> <li>• use background knowledge before, during, and after reading</li> <li>• read from a wide variety of genres for a variety of purposes</li> <li>• connect experiences and ideas with those from a variety of languages, cultures, customs, perspectives</li> <li>• analyze text with various organizational patterns</li> <li>• ask and answer questions about what is read.</li> <li>• identify author's purpose.</li> <li>• summarize major points found in nonfiction materials.</li> <li>• compare and contrast settings, characters, and events.</li> <li>• draw conclusions about character and plot.</li> <li>• make and confirm predictions.</li> <li>• make connections (text to self, text to text, text to world)</li> <li>• clarify and extend ideas through discussions and activities</li> <li>• describe and connect the essential ideas, arguments, and perspectives of a text</li> <li>• identify and punctuate different kinds of sentences correctly.</li> <li>• identify different kinds of subjects and predicates correctly.</li> <li>• identify different kinds of nouns.</li> <li>• identify different kinds of nouns: common, proper, singular, plural, &amp; possessive</li> <li>• identify and use action verbs, linking verbs, main verbs, and helping verbs.</li> <li>• identify and use correct subject-verb agreement.</li> <li>• identify and use contractions correctly.</li> <li>• identify and use adjectives correctly.</li> <li>• use different verb tenses in all forms correctly: affirmative, negative, questions.</li> <li>• use modal verbs for different purposes: ability / necessity /obligation.</li> <li>• use relative pronouns correctly.</li> <li>• connect sentences correctly.</li> <li>• use adjectives and adverbs correctly.</li> <li>• use quantifiers correctly (some, any, a lot of, a few.....etc).</li> <li>• use conditionals correctly (First and Second Conditionals)</li> <li>• use prepositions of place and time correctly ( in, on ,at.....etc)</li> <li>• determine or clarify the meaning of unknown and multiple meaning words.</li> <li>• interpret the meaning of unknown words by using context clues.</li> <li>• understand antonyms / synonyms.</li> <li>• identify and use compound words.</li> <li>• understand homophones / homographs.</li> <li>• understand syllable patterns.</li> <li>• understand prefixes / suffixes.</li> <li>• identify simple metaphors and similes.</li> <li>• interpret the meaning of unknown words by using context clues.</li> <li>• set a purpose for writing.</li> <li>• prewrite using various strategies</li> <li>• develop first drafts of single- and multiple-paragraph compositions</li> <li>• revise drafts for varied purposes</li> <li>• edit and proofread for correct conventions (spelling, grammar, usage, and mechanics)</li> <li>• state a clear purpose and maintain focus; sharpen ideas</li> <li>• use sensory details and concrete examples; elaborate</li> <li>• organize ideas in a logical progression, such as chronological order or order of importance</li> <li>• write introductory, supporting, and concluding paragraphs</li> <li>• write about different genres: descriptive, fictional, informational, persuasive ..... etc.</li> <li>• use available technology to produce and format writing.</li> </ul>

<b>Subject</b>	<b>Learning Objectives</b>
<b>Math</b>	<p><b>Operations and Algebraic Thinking</b></p> <ul style="list-style-type: none"> <li>• use the four operations with whole numbers to solve problems.</li> <li>• gain familiarity with factors and multiples.</li> <li>• generate and analyze patterns.</li> </ul> <p><b>Number and Operations in Base Ten</b></p> <ul style="list-style-type: none"> <li>• generalize place value understanding for multi- digit whole numbers.</li> <li>• use place value understanding and properties of operations to perform multi-digit arithmetic.</li> </ul> <p><b>Number and Operations—Fractions</b></p> <ul style="list-style-type: none"> <li>• extend understanding of fraction equivalence and ordering.</li> <li>• build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.</li> <li>• understand decimal notation for fractions, and compare decimal fractions.</li> </ul> <p><b>Measurement and Data</b></p> <ul style="list-style-type: none"> <li>• solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.</li> <li>• represent and interpret data.</li> <li>• Geometric measurement: understand concepts of angle and measure angles.</li> </ul> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>• draw and identify lines and angles, and classify shapes by properties of their lines and angles.</li> </ul>
<b>Science</b>	<ul style="list-style-type: none"> <li>• learn that plants and animals have both internal and external structures that serve various functions in growth, survival, behavior, and reproduction.</li> <li>• learn that different animals are able to use their perceptions and memories to guide their actions.</li> <li>• learn that local, regional, and global patterns of rock formations reveal changes over time due to earth forces, such as earthquakes.</li> <li>• learn that rainfall helps to shape the land and affects the types of living things found in a region.</li> <li>• learn that the locations of mountain ranges, deep ocean trenches, ocean floor structures, earthquakes, and volcanoes occur in patterns.</li> <li>• learn that living things affect the physical characteristics of their regions.</li> <li>• learn that Some resources are renewable over time, and others are not.</li> <li>• learn that a variety of hazards result from natural processes.</li> <li>• learn that the faster a given object is moving, the more energy it possesses.</li> <li>• learn that energy can be moved from place to place by moving objects or through sound, light, or electric currents.</li> <li>• learn that energy is present whenever there are moving objects, sound, light, or heat.</li> <li>• learn that light also transfers energy from place to place.</li> <li>• learn that the expression “produce energy” typically refers to the conversion of stored energy into a desired form for practical use.</li> <li>• learn that waves, which are regular patterns of motion, can be made in water by disturbing the surface. When waves move across the surface of deep water.</li> <li>• learn that waves of the same type can differ in amplitude and wavelength.</li> <li>• learn that an object can be seen when light reflected from its surface.</li> </ul>

<b>Subject</b>	<b>Learning Objectives</b>
<b>Social Studies</b>	<ul style="list-style-type: none"> <li>• learn the definitions of many important terms, and some specialized vocabulary of geography.</li> <li>• understand the importance of studying geography.</li> <li>• learn the essential elements of geography, and how to differentiate between the terms place and location.</li> <li>• learn the definitions of many different types of land features and water bodies, and how are they formed.</li> <li>• learn some information about the land features and water bodies, and how to differentiate               <ul style="list-style-type: none"> <li>• between different types.</li> </ul> </li> <li>• know different types of maps, the cardinal and intermediate directions, and the uses of different types of maps.</li> <li>• learn the definitions of the essential elements of maps.</li> <li>• understand the importance of the latitude and longitude terms, and how geographers use them to locate a place, and determine the climate zones and the time zones.</li> <li>• learn some specialized vocabulary about the Earth.</li> <li>• know what is the Earth formed of and how it works.</li> <li>• understand some facts about the Arab World and recognize the characteristics of the countries of the Arab World.</li> <li>• know the objectives and the goals of the Arab League.</li> <li>• understand the main problems that face the Arab World and their solutions.</li> <li>• learn facts about some Arab countries such as borders, capital city, main cities, government system, climate, exports, imports, religion.</li> </ul>
<b>French</b>	<ul style="list-style-type: none"> <li>• expression dans la classe</li> <li>• les salutations</li> <li>• les affaires de la classe</li> <li>• les couleurs</li> <li>• les nombres</li> <li>• les mois de l'année</li> <li>• les saisons</li> <li>• le temps</li> <li>• les activités de la journée</li> <li>• la description du temps</li> <li>• les jours de la semaine</li> <li>• les activités de la semaine</li> <li>• les adjectifs (masculin &amp; féminin)</li> <li>• faire une invitation</li> </ul>
<b>Computer Science</b>	<ul style="list-style-type: none"> <li>• learn what the software is and the functions of the software programs.</li> <li>• understand the concept and the importance of the operating system.</li> <li>• know the difference between the main types of software (application programs and operating systems).</li> <li>• able to identify and compare between the different types of computers such as desktop, laptop, tablet, smart phone, etc.</li> <li>• learn drawing borders around pages and paragraphs.</li> <li>• learn how to create and modify tables.</li> <li>• insert pictures and shapes to enhance their documents.</li> <li>• check mistakes of spelling and grammar.</li> <li>• understand the main purpose of using the Power point program.</li> <li>• learn the main parts of the opening screen of the Power Point 2016.</li> <li>• create and design slides of presentations.</li> <li>• enhance their presentations using animation.</li> <li>• select cells to perform different functions.</li> <li>• learn how they can autofill cells with a data series.</li> <li>• format data sheets.</li> </ul>

Subject	Learning Objectives
<p style="text-align: center;"><b>Arabic Language</b></p>	<ul style="list-style-type: none"> <li>• تجاوز الصعوبات القرائية ، واكتساب مهارات القراءة السليمة.</li> <li>• اكتساب رصيد معرفي ولغوي متصل بمجال الجوّ والفصول الأربعة.</li> <li>• فهم النصوص وتذوق ما فيها من جماليات وأساليب بلاغية.</li> <li>• معرفة المبتدأ والخبر، وتمييزهما واستعمالهما.</li> <li>• كتابة نصوص تحوي همزة وصل وهمزة قطع و كلمات خذفت الألف من وسطها.</li> <li>• اكتساب رصيد معرفي ولغوي متصل بمجال الصحة والغذاء .</li> <li>• تعرف الفعل ( الماضي، المضارع، الأمر ) وتمييزه واستعماله.</li> <li>• بناء فقرتين، وجمل تفصيلية لهما.</li> <li>• اكتساب رصيد معرفي ولغوي متصل بمجال العيد.</li> <li>• اكتساب اتجاهات وقيم تتعلق بمجال العيد والمناسبات.</li> <li>• تعرف الفاعل، وتمييزه، واستعماله.</li> <li>• تعرف المذكر والمؤنث، وأسلوب الأمر والنهي ونفي الفعل، وتمييزها واستعمالها.</li> <li>• الرسم الصحيح لكلمات مبدوءة ب ( ال ) دخلت عليها اللام المكسورة.</li> <li>• كتابة بطاقة تهنئة.</li> <li>• اكتساب اتجاهات وقيم تتعلق بمجال مدينتي و قريتي .</li> <li>• تعرف المفعول ، وتمييزه، واستعماله.</li> <li>• تعرف اسم الإشارة ، والضمير و تمييزها واستعمالها.</li> <li>• تعرف الجملة الاسمية المنفية واستعمالها و تكوين الجملة المثبتة .</li> <li>• الرسم الصحيح للتاء المربوطة والتاء المفتوحة .</li> </ul>
<p style="text-align: center;"><b>Islamic Studies</b></p>	<ul style="list-style-type: none"> <li>• تعلم هدي النبي صلى الله عليه وسلم في منزله.</li> <li>• تعلم هدي النبي صلى الله عليه وسلم في طعامه وشرابه.</li> <li>• تعلم هدي النبي صلى الله عليه وسلم في نومه واستيقاظه.</li> <li>• تعلم هدي النبي صلى الله عليه وسلم في السلام والاستئذان.</li> <li>• تعلم هدي النبي صلى الله عليه وسلم في الضحك والمزاح.</li> <li>• التعرف على أسماء الله الحسنى.</li> <li>• التعرف على الشرك وخطره ومظاهره.</li> <li>• التعرف على مكانة الصلاة ومواقبتها.</li> <li>• تعلم أركان الصلاة وواجباتها وسننها.</li> <li>• تعلم الذكر بعد الصلاة.</li> </ul>
<p style="text-align: center;"><b>Saudi Social</b></p>	<ul style="list-style-type: none"> <li>• أن يتعرف على شكل الأرض.</li> <li>• التعرف على أشكال سطح الأرض.</li> <li>• التعرف على موقع شبه الجزيرة العربية.</li> <li>• التعرف على سير بعض الرسل والأنبياء .</li> <li>• التعرف على سيرة النبي محمد صلى الله عليه وسلم.</li> <li>• التعرف على قيمة المواطنة والمسؤوليات.</li> </ul>

*The End*