

Jeddah Grammar International School Grade 6 - Entrance Exam Outline

Subject: English

| Topic Outline | |
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| <ul style="list-style-type: none"> ● Unseen comprehension ● Grammar: <p>Parts of speech Verb tenses Connectives Main and subordinate clause Apostrophe (contractions / apostrophes) Figurative language (simile, metaphor, idiom, personification) Types of sentences (simple, compound and complex)</p> | <p>Subject - verb agreement Active & Passive Comparative and superlative adjectives</p> <ul style="list-style-type: none"> ● Writing Skills: <p>Informative Text Biography Letter writing (Formal / Informal)</p> |

Subject: Mathematics

| Topic Outline | |
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| <p>Number and Number System</p> <ul style="list-style-type: none"> ➤ Number sequences (counting forward and backward in 1s,2s, ➤ Place Value up to Ten thousands ➤ Rounding numbers to the nearest 10,100, 1000 and 10000. ➤ Ordering and comparing whole numbers ➤ Identification of odd and even numbers ➤ Locating numbers on a number line ➤ Addition and subtraction of whole numbers • Adding three or more numbers • Adding pair of 3-digit numbers • Adding 3-digit and a 2-digit number • Adding a single-digit number to a 3-digit number • Subtracting pairs of 3-digit numbers ➤ Multiplication of single- digit number by 2-digit number ➤ Division of 2-digit number by 2 till 10 ➤ Problem solving (word problems related to addition, subtraction, multiplication and division). | <p>Fractions</p> <ul style="list-style-type: none"> ➤ Representing fractions ➤ Finding equivalent fractions ➤ Addition and Subtraction of fractions ➤ Ordering and Comparing fraction <p>Geometry</p> <ul style="list-style-type: none"> ➤ Identification of right angles ➤ Identification of 2D and 3D shapes Urdu ➤ Reflection and Symmetry ➤ Area and Perimeter <p>Time</p> <ul style="list-style-type: none"> ➤ Reading time on digital and analogue clocks |

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Subject: Science

| Topic Outline | |
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| <p><u>Biology:</u></p> <p><u>Humans and animals</u></p> <ul style="list-style-type: none"> • Use scientific names for some major organs of body systems • Identify the position of major organs in the body • Describe the main functions of the major organs of the body • Explain how the functions of the major organs are essential <p><u>Living things in their environment</u></p> <ul style="list-style-type: none"> • Know how food chains can be used to represent feeding relationships in a habitat and present these in text and diagrams • Know that food chains begin with a plant (the producer), which uses energy from the sun • 6Be5 Understand the terms producer, consumer, predator and prey • Explore and construct food chains in a particular habitat | <p><u>Physics</u></p> <p><u>The Earth and beyond</u></p> <ul style="list-style-type: none"> • Explore, through modeling, that the sun does not move; its apparent movement is caused by the Earth spinning on its axis • Know that the Earth spins on its axis once in every 24 hours • Know that the Earth takes a year to orbit the sun, spinning as it goes • Research the lives and discoveries of scientists who explored the solar system and stars <p><u>Forces and motion</u></p> <ul style="list-style-type: none"> • Distinguish between mass measured in kilograms (kg) and weight measured in newtons, noting that kilograms are used in everyday life • Recognise and use units of force, mass and weight and identify the direction in which forces act • Understand the notion of energy in movement • Recognise friction (including air resistance) as a force which can affect the speed at which objects move and which sometimes stops things moving |
| <p><u>Chemistry:</u></p> <p><u>Material changes</u></p> <ul style="list-style-type: none"> • Distinguish between reversible and irreversible changes | <ul style="list-style-type: none"> • Explore how solids can be mixed and how it is often possible to separate them again • Observe, describe, record and begin to explain changes that occur when some solids are added to water |