



# **DUBAI GRAND INTERNATIONAL SCHOOL**

**SUCCESS IN BOTH WORLDS**

## **SA-I Syllabus of 6<sup>th</sup> Grade (2023-24 Session)**

### **English**

#### **Chapters**

1. The lost child
2. To the cuckoo
3. The pebble who has no toes

#### **Grammar**

##### Pronouns

- Kinds of Pronouns

##### Letter writing

- Formal and informal

### **Mathematics**

#### **Unit II: Integers**

- 1) Negative numbers
- 2) Integers
- 3) Comparison of integers
- 4) Operation of integers

#### **Unit III: Fractions**

- 1) Types of Fractions

- 2) Equivalent fractions
- 3) Fractions in its lowest terms
- 4) Comparison of fractions
- 5) Addition and subtraction of fractions
- 6) Word problems

## **Physics**

### **Chapter 3: Measurement**

1. Physical quantities (Magnitude + unit)
  - a. Length
  - b. Mass
  - c. Time
  - d. Area
  - e. Temperature
2. Measurement
  - a. System of units (FPS, MKS, CGS, SI)
3. Measurement of:
  - a. Length
  - b. Thickness
  - c. Thickness of a wire
  - d. Time intervals
4. Measurement of temperature
  - a. Scales of temperature.
    - i. Conversion
  - b. Thermometers

### **Chapter 5: Work, Energy and Machines**

1. Work (Definition and unit)
2. Energy (Definition and unit)
3. Machines
  - a. Functions of machines
4. Types of machines
  - a. Levers

- b. Inclined plane
- c. Wedge
- d. Screen
- e. Wheel and axle
- f. Pulley

## **Chemistry**

### **Chapter 3: Elements, Compounds and Mixtures.**

1. Description (Definition of elements and compounds)
2. Elements
  - a. Metals
  - b. Non-metals
  - c. Representation and periodic table
3. Compounds
  - a. Description
  - b. Carbon-dioxide
  - c. Water
4. Mixtures
  - a. Pure substances
  - b. Mixtures (Characteristics and description)
5. Separation of mixtures
  - a. Description
  - b. Methods of separating
    - i. Sieving
    - ii. Magnetic separation
    - iii. Sedimentation / Decantation
    - iv. Filtration
    - v. Evaporation
    - vi. Distillation
  - c. Difference between mixture and compound.

### **Chapter 4: Matter**

1. Definition of matter
2. States of matter

3. General properties
  - a. Solid
  - b. Liquid
  - c. Gas
4. Action of heat on matter
  - a. Expansion
  - b. Change in state
  - c. Sublimation

## **Biology**

### Unit I: The Digestive System

1. Nutrients
2. Organs of the Digestive System
3. Indigestion

### Unit II: The Respiratory System

1. Respiratory system, organs of respiratory system
2. External respiration
3. Respiratory diseases

## **History**

1. Rise of Jainism and Buddhism
2. How we run our villages

**Activity:** Organize a visit to a village and prepare a report on the Supply of drinking water and electricity in the households.

## **Geography**

1. The Earth's Major Water Bodies
2. Agriculture

## **Information Technology**

1. Advanced Features of Microsoft Word 2013
2. Enhancing a Presentation

## **General Knowledge**

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## Urdu

اسباق  
ایثار کا جذبہ  
جاگو، جگاؤ  
چغلی کھانے والا  
شیر میسور ٹیپو سلطان

حصہ گرتھر

اسم صفت اور اس کے اقسام  
تصحیح اغلاط، پانچ جملے  
املا کی تصحیح  
محاورے پانچ، اضداد، تذکیر و تانیث  
مضمون۔ وقت کی پابندی

## Kashmiri

نعت شریف

کتھ باتھ کرنکی آداب

ٹیلی و جن

ژم

# Arabic

دروس الاسلام

Lesson no 10

غزوه أحد

Lesson no 11

حضرت عائشه رضى الله عنها

Lesson no 12

حضرت نوح عليه السلام

Lesson no 13

تشهد

صِرَاطُ اللّغَةِ الْعَرَبِيَّةِ

الدّرسُ الثّالثُ (الحوار) .

الدّرسُ الرّابعُ (القرآن الكريم)

القرآن الكريم

من سورة الطارق الى سورة الانفطار