



# **PAK SHAMAA SCHOOL DOHA, QATAR**

## **SYLLABUS FOR ADMISSION IN CLASS 7**

**(Cambridge Wing)**

### **ENGLISH:**

- ❖ **Forms of verb**
- ❖ **Change of voice**
- ❖ **Paragraph writing (70-100 words)**
  - **My best friend**
  - **My favorite personality**
  - **My favorite teacher**
  - **An amazing school**
- ❖ **Reading comprehension (unseen)**

### **SCIENCE:**

- ❖ **Plant and animal**
- ❖ **Chemical symbol**
- ❖ **Diatomic and Triatomic molecules**
  
- ❖ **Dry cell**
- ❖ **Simple and complex machines**

### **MATHS:**

- ❖ **Area and perimeter of 2D shapes.**
- ❖ **Basic algebraic expressions.**
- ❖ **Solution of algebraic expression**
- ❖ **Conversion of bigger units to smaller or smaller to bigger. For example km to m or m to km**



# **PAK SHAMAA SCHOOL DOHA, QATAR**

## **SYLLABUS FOR ADMISSION IN CLASS 8**

**(Cambridge Wing)**

### **ENGLISH:**

- ❖ **Reading Comprehension (unseen)**
- ❖ **Informal Letter Writing**
- ❖ **Conjunction and its types**
- ❖ **Parts of speech**
  - **Noun**
  - **Verb**
  - **Adverb**

### **SCIENCE:**

- ❖ **Chemical Formula**
- ❖ **Chemical bonding**
- ❖ **Plants**
- ❖ **Units of measurement**
- ❖ **Real and Virtual Image**
- ❖ **Photosynthesis and respiration**

### **MATH:**

- ❖ **Basic algebraic expressions**
- ❖ **Solution of algebraic expression**
- ❖ **Solving Fractions.**
- ❖ **Word problem related to fractions.**
- ❖ **Find values of unknown angles of straight line and triangle.**



# **PAK SHAMAA SCHOOL DOHA, QATAR**

## **SYLLABUS FOR ADMISSION IN CLASS 9**

### **(Cambridge Wing)**

#### **ENGLISH:**

- ❖ **Reading Comprehension (unseen)**
- ❖ **Informal letter Writing**
- ❖ **Paragraph writing**
  - **Poverty**
  - **Global warming**
  - **Inflation**
  - **Covid-19**
  - **Pollution**
  - **Racism**
- ❖ **Parts of speech**
  - **Noun**
  - **Verb**
  - **Adverb**
  - **Adjective**

#### **SCIENCE:**

- ❖ **Classify animals and plants into major groups, using some locally occurring examples**
- ❖ **Animal cell and Plant Cell**
- ❖ **Acids and Alkalis**
- ❖ **Uses of different gases in air.**
- ❖ **Solutions**
- ❖ **Compounds and Chemical reactions**
- ❖ **Planets and satellites.**
- ❖ **Simple Separation techniques of substances from Mixtures.**
- ❖ **Series and Parallel Circuit.**

#### **MATHS:**

- ❖ **Solution of algebraic expression**
- ❖ **Percentage.**
- ❖ **Write equation of line.**
- ❖ **Find gradient and y-intercept of the line.**
- ❖ **Significant figure**



# **PAK SHAMAA SCHOOL DOHA, QATAR**

## **SYLLABUS FOR ADMISSION IN CLASS 10**

### **(Cambridge Wing)**

#### **ENGLISH:**

- ❖ **Reading Comprehension (unseen)**
- ❖ **Summary Writing**
- ❖ **Letter Writing**
- ❖ **Email Writing**

#### **SCIENCE:**

- ❖ **Writing chemical symbols and chemical formula**
- ❖ **Microorganisms**
- ❖ **Atomic mass and atomic number**
- ❖ **Major reactions of Harber's process and Contact process**
- ❖ **Thermal decomposition**
- ❖ **Lenses and its types**
- ❖ **Sound and light**
- ❖ **Plant cell and Animal cell**

#### **MATHS:**

- ❖ **Solution of algebraic expression.**
- ❖ **Increase and decrease of percentage.**
- ❖ **Significant figures and standard form.**
- ❖ **Write equation of line.**
- ❖ **Find gradient and y-intercept of the line.**
- ❖ **Volume of 3D shape.**

**PLEASE NOTE:**

**For admission in Cambridge wing, class 11<sup>th</sup> and class 12<sup>th</sup> students will be subjected to interview.**