



Jumeirah English Speaking School

CURRICULUM
SUMMARY

YEAR SIX

Literacy (Reading and Writing)

Fiction and poetry

- Classic fiction, poetry and drama by significant and long established authors from more than one genre.
- A range of poetic forms.
- Playscripts.

Non-fiction (content from English and other curriculum subjects)

- Autobiography and biography, diaries, letters and records of observations.
- Journalistic writing.
- Non-chronological reports.
- Discussion texts e.g. evaluating the pros and cons of an issue.
- Formal writing e.g. notices, documents.
- Reference texts including ICT resources.

Spelling and vocabulary

- Taught through a progressive structure using a variety of resources.

Grammar and punctuation

- Taught through a progressive system, in line with the Literacy Strategy, with a lot of work linked to the above texts, both fiction and non-fiction.

Reading

- All children are provided with a variety of reading experiences through both shared and individual texts.

Numeracy

- Multiply and divide decimals mentally by 10 or 100, and integers by 1000, and explain the effect.
- Order a mixed set of numbers with up to three decimal places.
- Reduce a fraction to its simplest form by cancelling common factors.
- Use a fraction as an operator to find fractions of numbers or quantities (e.g. $\frac{5}{8}$ of 32, $\frac{7}{10}$ of 40, $\frac{9}{100}$ of 400 centimetres).
- Understand percentage as the number of parts in every 100, and find simple percentages of small whole-number quantities.
- Solve simple problems involving ratio and proportion.
- Carry out column addition and subtraction of numbers involving decimals.
- Derive quickly division facts corresponding to multiplication tables up to 12×12 .
- Carry out short multiplication and division of numbers involving decimals.
- Carry out long multiplication of a three-digit by a two-digit integer.
- Use a protractor to measure acute and obtuse angles to the nearest degree.
- Calculate the perimeter and area of simple compound shapes that can be split into rectangles.
- Read and plot co-ordinates in all four quadrants.
- Identify and use the appropriate operations (including combinations of operations) to solve word problems involving numbers and quantities, and explain methods and reasoning.
- Solve a problem by extracting and interpreting information presented in tables, graphs and charts.

Science

The children will be given activities in which they follow instructions, observe, predict, test, record, evaluate and develop a scientific vocabulary. They will be given the opportunity to investigate and explore science practically through the following topics:

More about dissolving

- Recognise what happens when a variety of solids dissolve.

Forces in action

- Measure, identify and describe how forces act upon objects and how they affect them.

Interdependence and adaptation

- Recognise the requirements of all living organisms and how they have adapted to their environment.
- Understand and represent feeding relationships in food chains.

Micro-organisms

- Recognise useful and harmful micro-organisms.
- Understand that they feed, grow and reproduce like other organisms.

Science workshop

In Term 3 further revision is undertaken, whereby children participate in practical workshops covering: Light and Sound, Electricity and Magnetism, Earth in Space, Materials and Their Properties, Human Processes and Health, Data Handling.

Information and Communication Technology

Multimedia presentation

- Use PowerPoint to organise, refine and present a set of linked multimedia pages, which incorporate images, sounds and text.

Spreadsheet modelling

- Explore the effects of changing data in a spreadsheet.

Control and monitoring

- Recognise patterns in programming and produce simple procedures to control devices.
- Using the internet to search large databases and interpret information
- Search the internet using a range of operators to find a range of information and check for bias in presenting to a specific audience.

History

Activities in which they place events, people and artefacts in chronological order, interpret historical information from a variety of sources, recognise similarities and differences between past and present and develop a historical vocabulary. They will be given the opportunity to develop these skills through the following topics:

Ancient Greece

- Children will use a variety of sources to look at important features of daily life and the main influences of the Ancient Greeks.

World War Two

- Children will study the cause and effects of World War Two, particularly through the eyes of a child of that era, using a variety of historical sources.

Geography

Activities in which they use an appropriate geographical vocabulary, recognize and name geographical features, compare and contrast features of different locations, develop and use geographical enquiry skills e.g. making and using photographs, maps and plans including symbols and keys. They will be given the opportunity to develop these skills through the following topics:

The mountain environment

- Children will study and compare different mountain regions of the world.

A contrasting U.A.E. locality – Khorfakkan

- Children will develop a range of skills, describing the physical and human features of Khorfakkan.

Design and Technology

Activities in which they plan, design, make and evaluate. Opportunities to consider appearance, function, safety and reliability when developing ideas. They will be given the opportunity to develop these skills through the following topics/examples:

- Slippers.
- Waterproof shelters.
- Controllable vehicles.

Art

Developing creativity and imagination by building on their knowledge, skills and understanding of materials and through providing a range of increasingly complex activities. Developing their control of materials, tools and techniques to become more confident in using different materials and processes. Art work will include drawing, painting, charcoal, pastels, collage, 3D modelling etc. The work of Picasso is also studied.

Music

- Further development of: listening skills, pulse, rhythm and pitch.
- Exploration of rhythmic patterns, ragtime, jazz and blues styles, progressions and simple improvisational skills.
- Exploration of the structure of music.
- Learn a wide variety of songs, sometimes topic related.
- Pay attention to important singing techniques and the beginnings of two part singing.
- Further development of sound/ symbol relationship in music reading.
- Compose and play sound graphs and pictures and explore the use of sound for description, feeling, movement, effect and atmosphere.
- Understand something about the science of sound.
- Develop skills of performance through school concerts and productions.

Physical Education

Gymnastics

- Create complex sequences on floor and apparatus. Working within themes of balance, flight and partner support.

Swimming

- Refinement of strokes, working towards an unbroken rhythm. Competition in races. Development of starts, turns and finishes.

Dance

- Experience planning, performing and evaluating movement sequences based on National Curriculum topics.

Athletics

- Develop greater speed of movement, jump higher and further, throw for distance and accuracy. Monitor own performance.

Outdoor pursuits

- Map reading, orienteering and problem solving in teams. Awareness of principles of outdoor safety.

Games

- Experience and refine invasion games, net and racket games, striking and fielding games. Develop and understand the significance of rules and sporting conduct.

French

We will continue to develop language skills in the following topics; birthdays, the house, prepositions, expressing hunger and thirst, the weather, months and seasons, ordering drinks in a café, numbers up to 70, directions and places of interest in a French town, shopping, the family and clothes. The pupils will be given books to read and discuss in class as well as playing games and singing songs in French.

Arabic

Reading and writing skills

- The objective is to train the children on speed reading, dictation and answering questions in writing. To broaden their vocabulary, to include city and village life, the world of animals, seasons using a variety of nouns and verbs.

Oral skills

- Re-cap of dialogues covered and introduction of new dialogues.

Grammatical patterns to include:

- Verb study with plural pronouns (we, you plural and they).
- How to express that an object is ours, yours, theirs (our, your plural, their).
- Introduction to the past tense pattern with I and you (singular pronouns).
- Plural of descriptive words.