



# Cairo English School

## Monthly Overview

### 2019

## February 2019

### Mathematics

#### Algebra

- To express missing number problems algebraically.
- To use simple formulae.
- To find pairs of numbers that satisfy two unknowns.
- To identify all possibilities of combinations of two variables.
- To solve a range of problems involving algebra.

#### Measures

- To convert between standard units of measurements (whole and decimal numbers).
- To convert between miles and kilometres.
- To convert between imperial and metric units of measurements.

#### Number and Place Value

- To solve a range of mental calculations.
- To solve a range of place value problems.

#### Shape

- To identify and describe properties of 2D and 3D shapes.
- To sort geometric shapes using Venn and Carroll Diagrams.
- To calculate the radius, diameter and circumference of circles.

### Daily/weekly

Homework will be set on Tuesday and is due on the following Sunday.

Spellings should be practised daily.

Please complete at least 20 minutes of reading each night.

Children should pack and prepare their resources each night for the following day to ensure they have the correct equipment for their lessons.

### Literacy

Using Talk for Writing strategies, the children will continue to hone their research skills and persuasive techniques to create persuasive tourism leaflets in the context of popular locations in Egypt. The children will also get the opportunity to publish their persuasive leaflets using a range of digital technologies.

Following on from this, the children will explore to different types of poetry and their specific features: haiku; limerick; kenning; cinquain; acrostic and calligram. Then they will have opportunity to create versions to contribute to a poetry slam to develop their oral language and performance skills. During this process, the children will also learn about evaluating their work and the work of others effectively and with empathy.

Teaching of direct and indirect related grammar techniques and focuses will also be incorporated within the Literacy teaching. The children will be given opportunity to also edit and revise their work in some instances.

Modelled, guided and/or whole class Reading will also take place each week, focusing on the range of reading comprehension strategies. This will vary from class to class, depending on individual class or children's needs.

### *Main School*

Mirage City, New Cairo, Egypt

### Science / IPC

#### Chemistry: Boiling

- To use the particle model to explain boiling.
- To interpret data about changes of state.

**Chemistry:** Particles and their behaviour revision and assessment.

#### Chemistry: Elements

- To state what an element is.
- To recall the chemical symbols of six elements.

### How to help your child.

Here are a list of educational websites you can use at home to support your child with their learning:

<http://readingeggs.com>

<http://www.mathletics.me/>

<http://www.bbc.co.uk/bitesize/ks2/>

<http://www.readwritethink.org/parent-afterschool-resources/>

<http://resources.woodlands-junior.kent.sch.uk/>

<http://www.xpmath.com/>

<http://www.nhm.ac.uk/discover.html>

It is also very important that you continue to read **with** your child. At this stage, children usually prefer to read independently, but being read to and reading aloud is very important for your children to develop their comprehension, pronunciation and fluency skills.



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