



# Cairo English School

## Monthly Overview

May 2019  
Year 5

### Mathematics

We will be covering the following objectives:

- To know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles.
- To draw given angles, and measure them in degrees
- To Identify: angles at a point and one whole turn (total  $360^\circ$ ), angles at a point on a straight line and  $\frac{1}{2}$  a turn (total  $180^\circ$ ) other multiples of  $90^\circ$ .
- To use the properties of rectangles to deduce related facts and find missing lengths and angles.
- To distinguish between regular and irregular polygons based on reasoning about equal sides and angles.
- To identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.
- To identify and describe 3-d shapes, including cubes and other cuboids, from 2-d representations.
- To estimate volume (for example using  $1\text{cm}^3$  blocks to build cuboids (including cubes)) and capacity (for example, using water).

### Daily/weekly

The children will receive their homework and instructions on Tuesdays and should be returned by the following Sunday. Any questions about homework should be directed to the class teacher on **Wednesday or Thursday**.

### English

The pupils in year 5 will study the novel 'Cosmic'.

The main objectives will be the following:

- To use expanded noun phrases to convey complicated information concisely
- To write an effective settings description
- To identify the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
- To propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- To be able to use modal verbs and adverbs to indicate degrees of possibility
- To use devices to build cohesion between paragraphs.
- To spell words with silent letters
- To proof-read for spelling and punctuation errors.
- To note and develop initial ideas, drawing on reading and research where necessary
- To use a wide range of devices to build cohesion within and across paragraphs
- To write an explanation text/ To use organisational and presentational devices to structure text and to guide the reader [for example, headings, bullet points, underlining]

### Science

The pupils will be learning about Light and Shadows.  
The objective covered will be the following:

- To understand what the solar system consists of
- To become familiar with the different objects in our solar system and their features
- To understand that what we know about the solar system is mostly from scientists' observations (secondary evidence) rather than our own experience (primary evidence)
- To understand the scale of the solar system and the relative sizes of each planet
- To describe the Sun, Earth and Moon as approximately spherical bodies

### How can you support your child?

Please read with your child EVERY night. It is still important that they read to you and you read to them regularly to support questioning and modelling techniques.

A variety of websites can support your children's learning this term:

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

<http://us.spellodrome.com/#/home>

<https://readingeggs.co.uk/>

<https://www.topmarks.co.uk/maths-games/hit-the-button>

Main School

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