



# Cairo English School

## Monthly Overview

Year 5

January 2019

### Mathematics

We will be covering the following objectives:

- To identify, name and write equivalent fractions represented visually
- To calculate equivalent fractions
- To simplify fractions using equivalence (using HCD)
- To compare fractions with related denominators
- To order fractions with related denominators
- To place related fractions on number lines
- To identify improper fractions and convert them to mixed numbers
- To identify mixed numbers and convert them to improper fractions
- write mathematical statements  $>1$  as a mixed number (for example,  $\frac{3}{5} + \frac{2}{5} = \frac{6}{5} = 1 \frac{1}{5}$ )
- To add and subtract fractions with the same denominator (involves simplifying answers as well as converting improper fractions to mixed numbers)
- Add fractions with related denominators (involves simplifying answers as well as converting improper fractions to mixed numbers)
- Subtract fractions with related denominators
- To solve problems involving adding and subtracting fractions

### 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 be studying a wonderful novel called 'Wolf Brother' by Michelle Paver.

The main objectives will be the following:

- To empathise with characters, writing in role
- To learn about characters' feelings, thought and motives based on their actions and speech.
- To use inverted commas for speech; and to use commas to clarify meaning or avoid ambiguity in writing
- To make careful choice of vocabulary and sentences
- *To write a non-chronological report.*
- *To write an information/instructional poster*

Reading and evaluating the use of language will continue to be a crucial element in Year 5 this year. We will continue to examine texts closely and discuss the author's choice of language. The pupils will be taught to identify and explain how meaning is enhanced through choice of words and phrases.

### Science

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

- To identify natural and man-made light sources
- To gather, record, classify and present data in a variety of ways to help in answering questions
- To identify whether an object is a light source or a reflector.
- To recognise that light from the sun can be dangerous and that there are ways to protect their eyes
- To recognise that light appears to travel in straight lines
- To recognise and name transparent, translucent or opaque objects
- To explain how shadows are formed
- use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.
- To find patterns in the way that the size of shadows changes.

### 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

Mirage City, New Cairo, Egypt



Excellence in education

