



**October 19 – November 6**

# **TCBS OCTOBER SCHOOL Grade 7 – Grade 9**

## **Our Amazing Planet**



### **Science**

Grade 7 = CHEMISTRY - Chemistry of Life.

Grade 8 = BIOLOGY - Animals and plants.

Grade 9 = PHYSICS - Electricity and energy.

### **Maths**

Units of measurements, area, volume, gravitational force.

### **Social Studies**

Geological phenomena – Volcanoes and earthquakes.

### **Martial Arts**

Ju-Jitsu and martial arts training with Coach Tyler.

**Grade 7 – Grade 9**

**Events**

**Tuesday 27<sup>th</sup>**

**October**

**Dissecting a frog.**

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**Wednesday 4<sup>th</sup>**

**November**

**Field trip – Siriraj  
Medical Museum.**

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**Friday 6<sup>th</sup>**

**November**

**Presentation day –  
students present  
their work.**



## Science



Classes will be laboratory based with a range of experiments using microscopes, pH meter, colorimetry, electrical energy and energy conversion.

Students will get the opportunity to dissect a frog (or fish).

## Maths

Standard prefixes for the SI units of measure

	Name	deca-	hecto-	kilo-	mega-	giga-	tera-	peta-	exa-	zetta-	yotta-	
Multiples	Symbol	da	h	k	M	G	T	P	E	Z	Y	
	Factor	$10^0$	$10^1$	$10^2$	$10^3$	$10^6$	$10^9$	$10^{12}$	$10^{15}$	$10^{18}$	$10^{21}$	$10^{24}$
	Name	deci-	centi-	milli-	micro-	nano-	pico-	femto-	atto-	zepto-	yocto-	
Fractions	Symbol	d	c	m	$\mu$	n	p	f	a	z	y	
	Factor	$10^0$	$10^{-1}$	$10^{-2}$	$10^{-3}$	$10^{-6}$	$10^{-9}$	$10^{-12}$	$10^{-15}$	$10^{-18}$	$10^{-21}$	$10^{-24}$

Units of measurement, conversion of units, calculate area & volume, calculating gravity and gravitational force.

## Social

Natural phenomena of the Earth including earthquakes, volcanoes and tsunamis. Students will build working models of a volcano.



## Field Trip

A trip to Siriraj Medical Museum to learn about the history of medicine in Thailand. Students will see skeletons and preserved body parts and learn more about the human body (special lunch provided).

## Ju-Jitsu with Coach Tyler.



## Computers and IT.

## Field Trip – Siriraj medical museum.



**Total cost = 7800  
baht**

**(Field trip is  
included at no  
extra cost).**