



# East-West International School

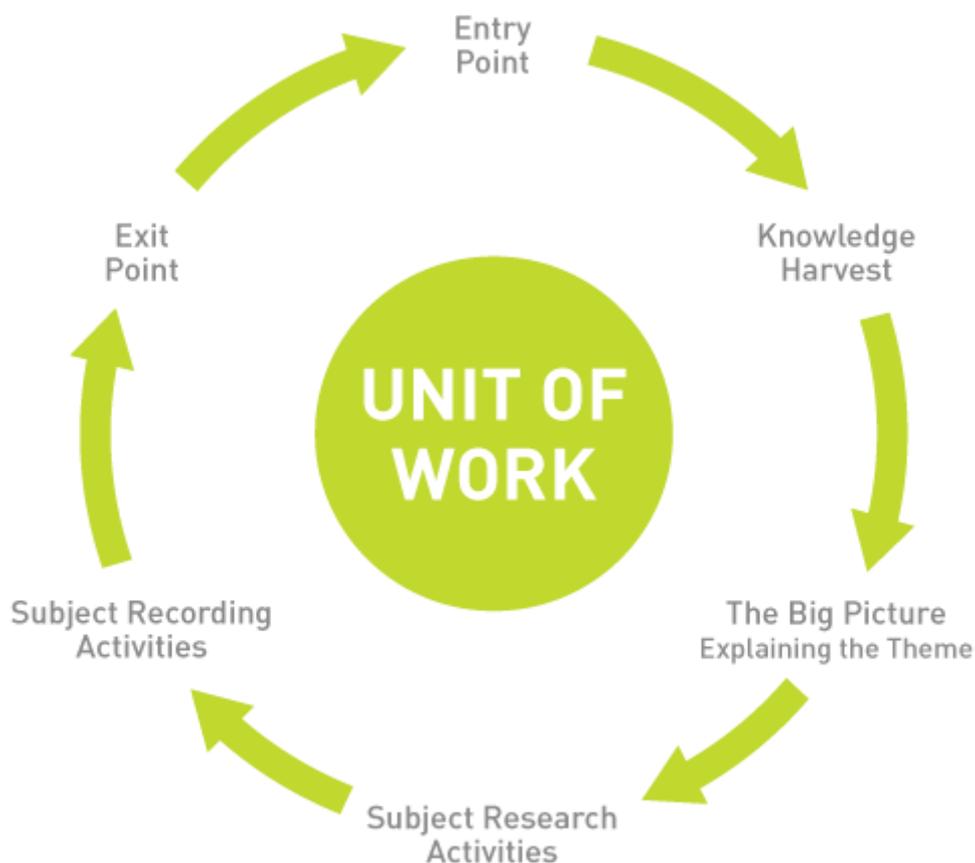
## International Primary Curriculum



The International Primary Curriculum (IPC) is a comprehensive curriculum with a clear process of learning and with specific learning goals for every subject, for personal learning and for international mindedness. The IPC is now the curriculum choice of international and national schools in over 1,800 schools in over 90 countries around the world.

At East-West International School we use both English and Khmer languages when teaching the IPC, helping children to learn content vocabulary in both languages. The IPC curriculum has three levels. At East-West we teach Milepost 1 units in Kindergarten and Grade 1, Milepost 2 units in Grades 2 and 3, and Milepost 3 units in Grades 4 and 5.

Each unit follows the same process of learning.



More detailed information on the International Primary Curriculum can be found at <http://www.greatlearning.com/ipc/>.

Following is a description of the units taught at East-West International School in 2017-2018.

These are not in the order of teaching. Teachers will tell you when they are about to start a new unit.

<b>Grade 4</b>	
<b>Brainwave</b>	<p><b>The Big Idea</b> Every day we are learning lots of new and different things - gaining the knowledge, skills and understanding that we will need to become successful adults. By finding out more about how we learn, and how we can improve our learning, we will be better equipped for meeting the many challenges ahead of us.</p> <p><b>We'll be finding out:</b></p> <ul style="list-style-type: none"><li>• About different methods of teaching and how we like to learn</li><li>• About some of the different areas of the brain</li><li>• How information gets into the brain</li><li>• How relaxation can help prepare us for learning</li><li>• How we can improve our memory</li><li>• How positive thinking can help us to succeed</li><li>• How we can support each other to achieve our goals</li><li>• How we can become more active global citizens</li></ul>
<b>Investigators</b>	<p><b>The Big Idea:</b> These days we have lots of science knowledge at our fingertips; it can be found quickly and easily on the Internet. The science knowledge in books and websites is what other scientists have discovered in the past. To discover new things ourselves we need to be able to 'do' science not just 'know' about it.</p> <p>During this unit we will learn how to 'do' science. We will learn several, important, scientific skills. These skills can be used in a whole range of scientific situations. However, we will use these skills to investigate one branch of science: materials and their properties. We will also see how these skills can be applied to one real world context - the exciting world of forensic science!</p> <p><b>In Science, we'll be finding out:</b></p> <ul style="list-style-type: none"><li>• About several ways to investigate in science</li><li>• How to make sure our investigations are well designed and reliable</li><li>• Ways to: collect, record, interpret and present our findings</li><li>• About several materials and their properties</li></ul> <p><b>In International, we'll be finding out:</b></p> <ul style="list-style-type: none"><li>• About the international police organisation: Interpol</li></ul>

## Grade 4

### Water for everyone

**The Big Idea:** Not everyone in the world has access to clean and safe water. We all have a role to play in helping others and safeguarding this precious resource for future generations.

**In Geography, we'll be finding out:**

- Where the water that supplies our homes comes from
- About different types of water pollution
- About how drought and flooding can affect communities around the world

**In Science, we'll be finding out:**

- About harmful microorganisms and water-borne diseases
- How to make and test a rehydration drink

**In Society, we'll be finding out:**

- About how lack of clean water can affect whole communities
- About how lack of clean water can affect different groups within a community

**In International, we'll be finding out:**

- About the sustainable technologies that are helping people to access clean water
- How we can work together to create a positive 'water wise' future

### Being Human

**The Big Idea**

Your body is designed to help you to breathe, move, eat, respond, reproduce and live. But how do the different parts of your body function and how are humans different from other animals? Let's find out.

**In Science, we'll be finding out:**

- How humans are different from other animals
- About the brain and the nervous system
- About the bones and muscles in the body
- How the human heart works
- How we breathe and what the lungs do
- What we inherit from our parents
- How our environment affects us
- How the body uses food and water
- About the latest medical research

**In Technology, we'll be finding out:**

- How to plan and prepare a healthy meal

**In International, we'll be finding out:**

- About a major global health problem
- If we can improve the health of the world's children

## Grade 4

### Time Tunnel

**The Big Idea:** Chronology involves putting things in the right order. This is very important when studying history because it helps us to see 'the big picture' - to understand the reasons why things have happened and how the present is influenced by the past.

**In History, we'll be finding out:**

- How historical time can be recorded and measured
- How we can sort, sequence and order the past
- How we can interpret events to explore the attitudes of people in the past
- What happened at different times in different cultures

**In Geography, we'll be finding out:**

- About the history of a location in the host country
- How the movements of people affect the physical and human features of a location
- How we can use maps to find out about the history of a location

**In Art, we'll be finding out:**

- How artists from different periods have used art to record history
- How we can use art to record a historical event

**In International, we'll be finding out:**

- What we can learn from the past

### Existing, endangered, extinct

**The Big Idea**

From tiny tadpoles to giant squid, living things exist in an amazing variety of forms. Why is there so much variety and how do scientists sort, identify and classify the millions of species living today?

**In Science, we'll be finding out:**

- How and why living things are classified
- How a vertebrate and an invertebrate are different
- How to classify local plants and animals
- About the effects of food chains in our locality
- About friendly and unfriendly micro-organisms
- How fungi are different from plants and animals
- Why composting is good for the environment

**In Technology, we'll be finding out:**

- How to make our own compost bin

**In International, we'll be finding out:**

- How the international community can protect endangered species
- Why biodiversity is important for the well-being of the planet

## Grade 4

### Fascinating Forces

**The Big Idea:** Forces are pushing and pulling at everything in our Universe. Even as we sit in our classroom, the walls and the ceiling are pushing and pulling at each other, while gravity and friction hold us in our seats. Let's find out more about forces!

**In Science, we'll be finding out:**

- How a ball flies through the air
- What friction is and how it helps us
- How different objects fall
- What gravity is and how it pulls on objects
- How air resistance affects moving objects
- How water pushes up on floating objects
- Why some objects float and others sink

**In Technology, we'll be finding out:**

- How to make a sailing boat or flying paper plane

**In International, we'll be finding out:**

- How countries use natural forces as energy
- How we can work together to meet our energy needs without harming our planet

### Here and now, there and then

**The Big Idea:** Some of you are lucky enough to have had the chance to live in more than one country. You can talk about your 'host country' and 'home country'. You will have learned so much from this experience - let's find out what you know and what more there is to learn ...

**In Geography, we'll be finding out:**

- How to locate the host and home countries
- How these countries are connected
- What these countries are like
- How they are similar and different

**In History, we'll be finding out:**

- About the history of our host and home countries
- About history from people, photographs and maps
- About history from museums and books
- About history from buildings and architecture

**In Society, we'll be finding out:**

- If the host/home countries are in the news
- About issues that affect the host/home countries

**In International, we'll be finding out:**

- What things we have brought to the host country
- How the host and home countries have worked together