



East-West International School

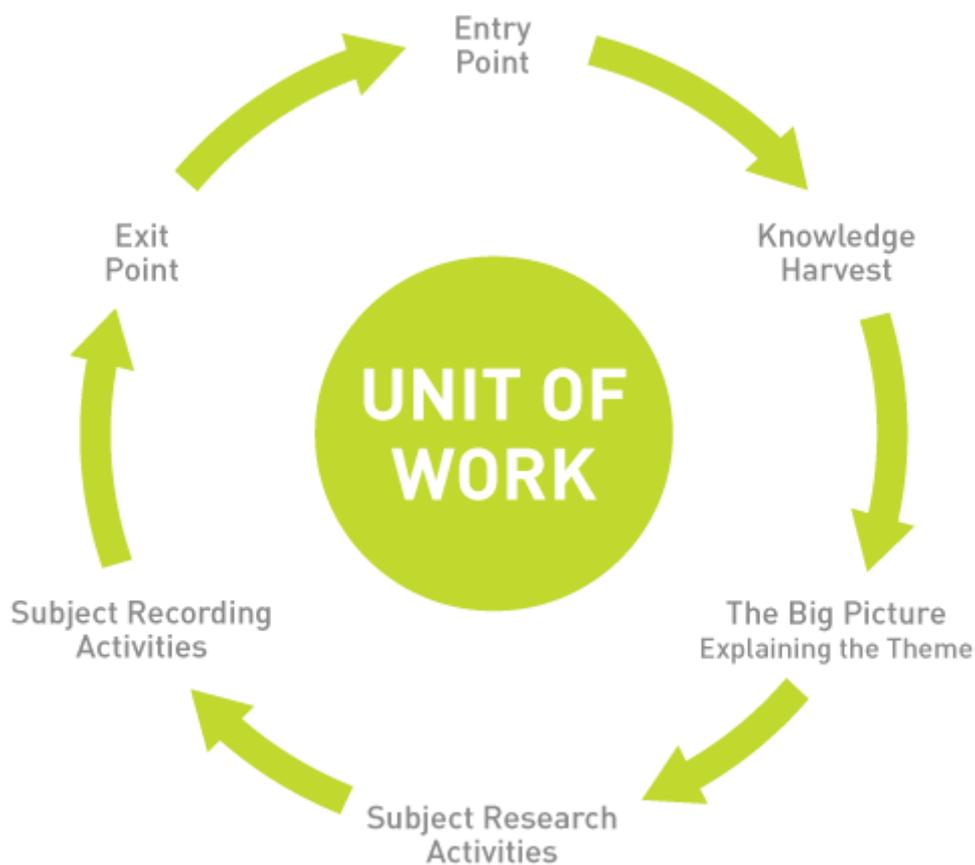
International Primary Curriculum



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.

Grade 2	
Brainwave	<p>The Big Idea: 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>In this unit, we'll be finding out:</p> <ul style="list-style-type: none">• How different people learn• About the importance of practice when learning a skill• How the brain works• How to make connections between our learning• How we can share our learning with others• Why it is important to learn from other children and cultures around the world• How positive thinking can help us to succeed• How to look after our brain• How to design a school for learning <p>When they learn children will be:</p> <ul style="list-style-type: none">• Investigating• Thinking• Reflecting• Researching• Teaching• Observing• Assessing• Presenting

Grade 2

Bright sparks

The Big Idea: Electricity is an energy that flows along wires in our homes, schools, offices, towns and cities to power lights, televisions, computers, cars and trains, and hundreds of other things that we use every day. Let's find out what we can do with electricity.

In Science, we'll be finding out:

- How to make an electrical circuit
- Which materials allow electricity to pass through them
- What happens when we change a circuit
- How to build bigger circuits
- About magnetism and electricity
- About using electricity as heat
- How to keep safe around electricity

In Technology, we'll be finding out:

- How to make a house with lighting and a door buzzer

In History, we'll be finding out:

- About the history of the electric light bulb

In International, we'll be finding out:

- How we produce electricity in our country
- Why saving electricity is good for the planet

Shaping up

The Big Idea: Your body is the most valuable thing you will ever own. It's your job to keep your body fit and healthy because it has to last you a lifetime! We are going to find out how best you can do that.

In Science, we'll be finding out:

- About the human skeleton, organs and muscles
- How the human heart works
- What is meant by a balanced diet
- How the digestive system works
- How to look after our teeth
- About the harmful effects of cigarettes and alcohol
- How much physical exercise we need
- About the effects of physical activity on our heart rate

In Physical Education, we'll be finding out:

- About the benefits of physical activity
- How different movements work different parts of the body
- How a fitness plan can improve our body's health

In Society, we'll be finding out:

- About germs and how they are spread
- How much sleep we should have
- How food advertising influences us
- About our food preferences

In International, we'll be finding out:

- How different countries keep fit
- About World Health Day

Grade 2

Shake it

The Big Idea

We are going to find out all about solids, liquids and gases by making butter and cheese, and milkshakes.

In Science, we'll be finding out:

- About solids, liquids and gases
- How we can change milk into a solid
- What happens when butter is heated
- About the behaviour of gases in liquids
- Which solids will dissolve in a liquid
- About the science of making milkshakes

In Technology, we'll be finding out:

- How to design and make a hand whisk

In International, we'll be finding out:

- Why milk is scarce in some countries and what we can do to help

Footprints from the past

The Big Idea: Dinosaurs lived millions of years ago - long before people lived on Earth. No one has ever seen a dinosaur so how do we know anything about them? Fossil evidence and dinosaur bones provide our only clues.

Like detectives, we will try to discover what dinosaurs looked like, what they ate and what might have happened to them in the end.

In History, we'll be finding out:

- About the different time periods when dinosaurs lived
- How to make a time line
- About fossil hunters from around the world
- About different ideas to explain why the dinosaurs died out

In Geography, we'll be finding out:

- What the Earth looked like millions of years ago
- Where to look for dinosaur bones

In Science, we'll be finding out:

- What a fossil is and how a fossil is formed
- About different types of rock
- How to make a dinosaur fossil
- How to find out what dinosaurs looked like
- What dinosaurs ate
- How to sort and classify dinosaurs
- About the other animals and plants that lived at the same time as the dinosaurs

In Art, we'll be finding out:

- About how artists draw dinosaurs
- How to make a sculpture of a dinosaur
- How to make reptile-skin patterns

In International, we'll be finding out:

- Where dinosaurs have been found
- About the rules of exploration

Grade 2

Active planet

The Big Idea: The tectonic plates that form the Earth's crust are always moving. Even the smallest movement can cause huge earthquakes, volcanoes and tsunamis that devastate communities across wide areas. If we can understand what is happening underground we can learn to predict and protect ourselves in the future.

In Geography, we'll be finding out:

- About how the Earth is formed
- What a volcano island is and where they are in the world
- What causes an earthquake
- How earthquakes can be measured

In Technology, we'll be finding out:

- What makes buildings strong
- About protective clothing and equipment
- About how to put together a survival kit

In Science, we'll be finding out:

- About solids, liquids and gases in volcanoes
- What happens when a volcano erupts
- What happens when rock melts
- How volcanoes can give off poisonous gas

In Music, we'll be finding out:

- How to use instruments to make sound pictures
- How to compose our own piece of music

In History, we'll be finding out:

- About the devastation of Pompeii

In Art, we'll be finding out:

- About hot and cold colours
- About using different materials and techniques to represent a volcano

In Physical Education, we'll be finding out:

- How to use lots of different sequences of movement to show the story of volcanoes

In Society, we'll be finding out:

- About legends associated with volcanoes
- Why people continue to live in volcanic areas despite the dangers

In International, we'll be finding out:

- About international organisations that work after natural disasters
- About the knock-on effects of earthquakes and volcanic activity