



East-West International School

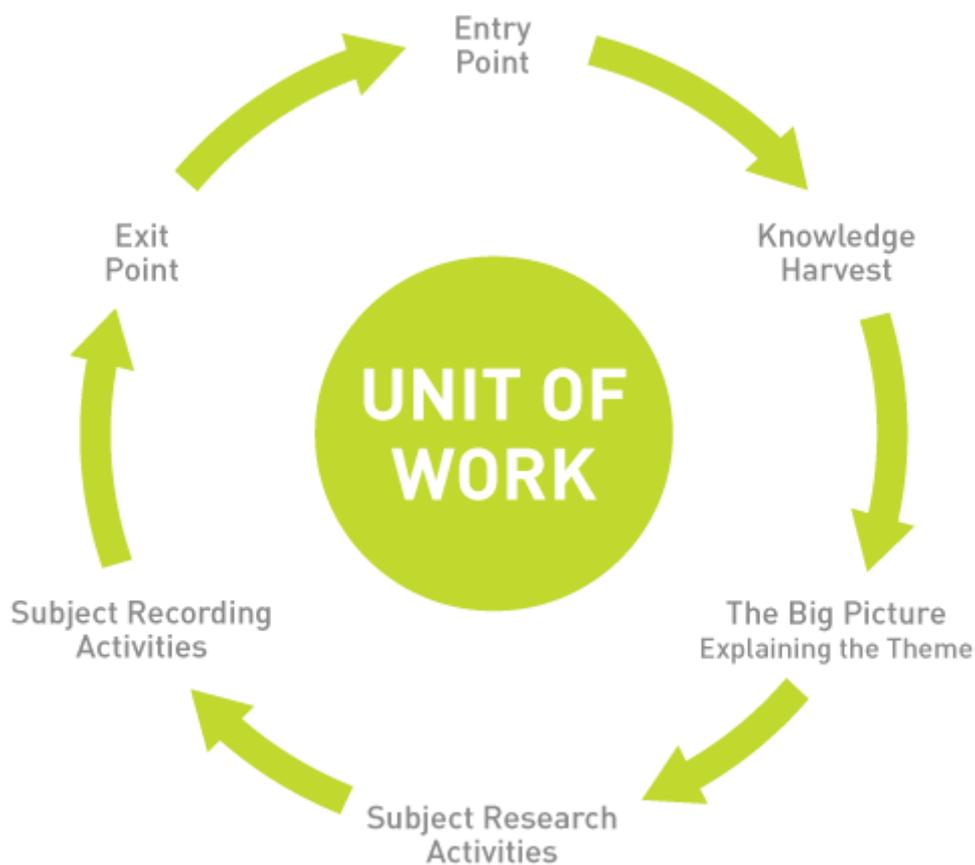
International Primary Curriculum



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 3	
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
How Human's Work	<p>The Big Idea: Your body is like an engine that never stops working. By knowing how your body works you can learn to look after it better and stay healthy.</p> <p>In Science, we'll be finding out:</p> <ul style="list-style-type: none">• That we need light in order to see• How human teeth compare to animal teeth• How our body uses food and water• How our heart works to keep us alive• All about skeletons and muscles• About the human life cycle• Why exercise is good for us• How tobacco and alcohol harm the body• Which foods keep us healthy and why <p>In Technology, we'll be finding out:</p> <ul style="list-style-type: none">• How to plan and prepare a healthy meal <p>In International, we'll be finding out:</p> <ul style="list-style-type: none">• About people's health problems• If we can improve the health of the world's children

Grade 3

Time and place, Earth and space

The Big Idea: We know that when we look up at our sky on a clear day we will see the Sun. We know the Sun gives us light to heat the Earth and help things grow but what does the Sun have to do with our time? It's time to find out!

In Science, we'll be finding out:

- How the movement of the Sun and the Earth relates to time
- How shadows are formed and how we can use them to measure time

In Geography, we'll be finding out:

- How the movement of the Earth around the Sun creates different seasons, weather patterns and natural environments around the world
- How human activities can be affected by the different seasons around the world
- How the Earth is divided into different time zones and how this impacts on human activity and communications
- How to locate countries and places using latitude and longitude on a globe

In Technology, we'll be finding out:

- How we can create our own sun dial to tell the time
- How we can design and create a calendar to help someone plan their time

In ICT & Computing, we'll be finding out:

- How technology can help us communicate across the world
- How timetables can be used to help us plan a journey

In Society, we'll be finding out:

- About festivals and traditions connected with light

In International, we'll be finding out:

- About similarities and differences between people in different parts of the world

Feel the force

The Big Idea: Without forces to push and pull us along, nothing on Earth or in the wider Universe would move. Forces are so important that it is almost impossible to imagine a world without them - and yet, they are invisible. Let's find out more...

In Science, we'll be finding out:

- What forces are and where they come from
- What friction is and how we use friction
- How we can reduce or increase friction
- How to measure the strength of a force
- How magnets and magnetic forces work

In Technology, we'll be finding out:

- How to design and make a marble run
- How to add sounds, lights and control mechanisms to a structure

In International, we'll be finding out:

- About extreme and dangerous forces

Grade 3

On tap

The Big Idea: We use water for many things - it is an important part of our daily lives. For most of us, clean fresh water is available 'on tap'. But not everybody in the world is as lucky.

In Geography, we'll be finding out:

- About the water cycle and how rain is made
- How water gets to our taps and where it goes to after we have used it
- What causes water pollution and what can be done about it

In Science, we'll be finding out:

- How to make our own water cycle
- How to investigate and clean different water samples

In Society, we'll be finding out:

- About bottled water and how it compares to tap water
- Making a hands-free washing device to help improve hygiene

In International, we'll be finding out:

- How some people around the world do not have access to clean water
- How we can help to improve the lives of people in poorer countries

Land, sea, and sky

The Big Idea: Plants and animals can adapt to living almost anywhere on our Earth. Wherever we look on the land, in the sea and in the sky, we find living things that have evolved in unique ways just to live there.

In Science, we'll be finding out:

- How water plants are different from other plants
- How fish have adapted to living in water
- How birds are adapted to flying
- How to create a classification key to group animals
- About food chains in different world habitats
- About the life cycles of plants and animals

In Technology, we'll be finding out:

- How to set up an aquarium

In International, we'll be finding out:

- How environmental changes are a threat to the world's coral reefs
- About Earth Day and how we can help our planet

Grade 3

Material world

The Big Idea: Hundreds of different materials are used to make everyday objects. Some materials occur naturally, e.g. wood from trees while others are manmade in factories, e.g. plastic. Some materials are magnetic; some allow heat and electricity to pass through them. But with so many different materials to choose from, how do we decide which to use?

In Science, we'll be finding out:

- How and why different materials are used
- How to test the properties of a material
- About the uses for glass and plastic
- About the metals that are attracted to magnets
- Which materials allow electricity to pass through them
- Which materials allow heat to pass through them
- About solids, liquids and gases and the water cycle
- How natural and manmade materials are different

In Technology, we'll be finding out:

- About moving mechanisms including gears, levers and linkages
- How to design and make a product for a bicycle

In International, we'll be finding out:

- Where materials come from
- Why plastic waste is a global problem and what we can do about it