

# Beacon Academy

Canlubang, Binan, Laguna



# mission

- The Beacon Academy is an independent secondary school committed to academic excellence, citizenship, integrity, and the education of the whole student. It strives to be a learning community in which the collaborative search for understanding fosters thoughtful discourse, knowledge of self and the world community, and personal relationships that enhance moral character, mutual respect, and compassion. The Academy trusts in the strength and optimism of its students and their capacity to change the world.

# How does that translate into curriculum?

## Values

Integrity  
Intellectual curiosity  
Academic excellence  
Accountability  
Resourcefulness  
Collaboration  
Camaraderie  
compassion

## competencies

Logical thinking  
Proficiency in languages and mathematics  
Investigating in order to solve problems  
Self management  
Collaboration  
Participation  
Citizenship

## subject areas

Language A: English  
Humanities  
Mathematics  
Science  
Language B  
Technology  
Physical Education  
Arts  
Filipino

Comparative Religions

# ethos

With no more than 20 students in a class, and a low student-teacher ratio, there's a lot of interaction between teachers and students, and between students and their peers.







# Approaches to Teaching

- the expectation is that the student is actively engaged in classroom activities
- the voice of the learner is as important as the voice of the teacher
- the teacher is not so much a transmitter of knowledge as a supporter of student learning
- assessment is always ongoing – the emphasis is on engaging the learner's existing mental models in order to create a greater depth of understanding
- assessments are designed to reward evidence of independent student thinking leading to considered individual responses

# What is IB?

The International Baccalaureate® (IB) is a non-profit educational foundation that works with 2,816 schools in 138 countries.

It was founded in 1968 by a group of international educators who believed that there was need for a global standard for the delivery of education.

It encourages **international-mindedness, believing that students must first develop an understanding of their own cultural and national identity.**

# High quality international education for a better world

The International Baccalaureate aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect

To this end, the organization works with schools, governments and international organizations to develop challenging programmes of international education and rigorous assessment.

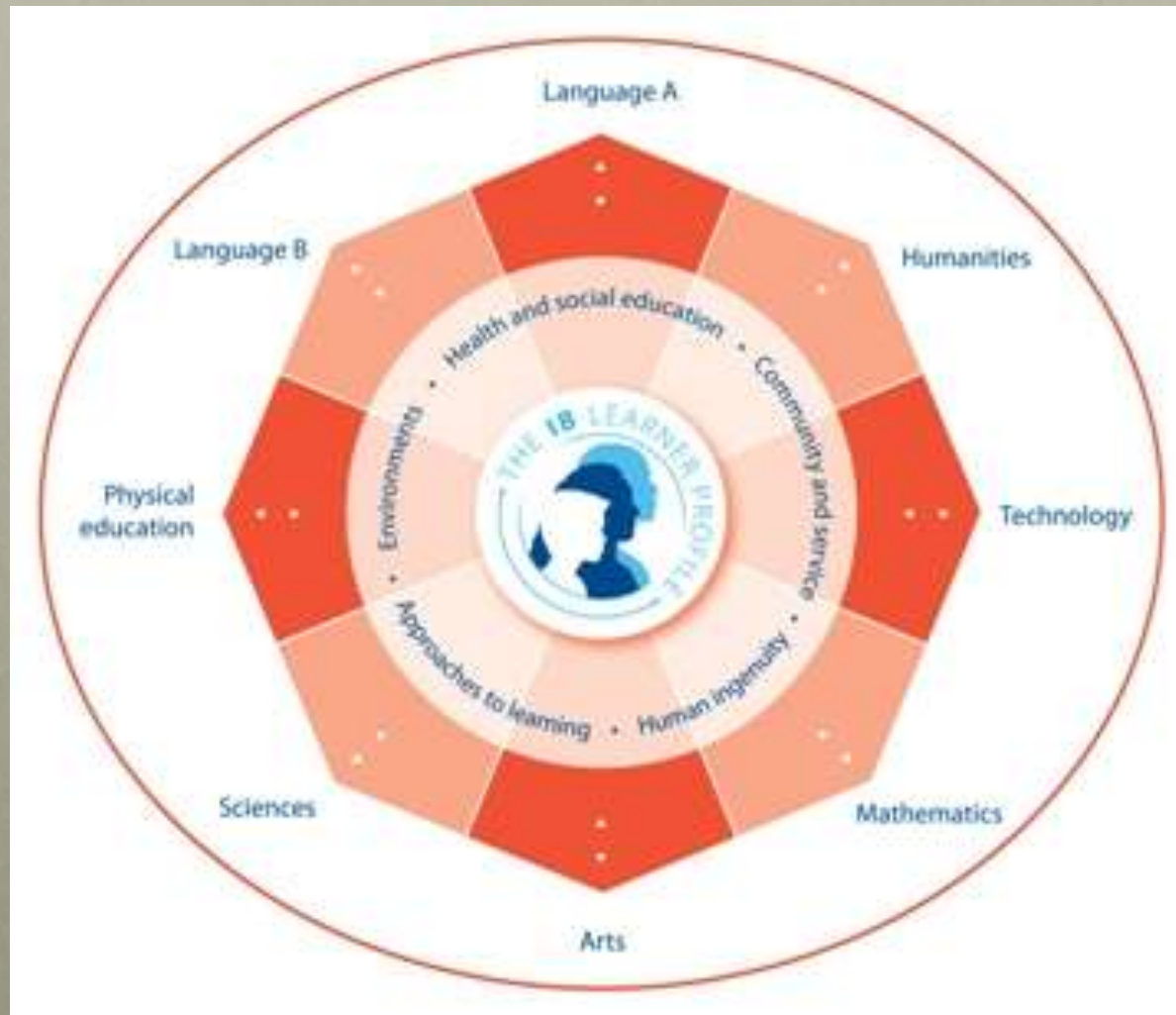
The programmes encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.

**The Primary Years Programme for students aged 3 to 12 focuses on the development of the whole child in the classroom and in the world outside.**

**The Middle Years Programme for students aged 11 to 16 provides a framework of academic challenge and life skills, achieved through embracing and transcending traditional school subjects.**

**The Diploma Programme for students aged 16 to 19 is a demanding two-year curriculum leading to final examinations and a qualification that is welcomed by leading universities around the world.**

# The Middle Years Programme



# Course requirements Grades 9 and 10

COURSE	CREDIT
Language A: English	1
Humanities	1
Mathematics	1
Physical Education	1
Science (Biology, Chemistry, Physics)	1
Technology	1
Comparative Religions and Global Values	.5
Filipino	1
Language B: (options are Mandarin and Spanish)	1
Arts (Options are Visual Arts, Drama, Music)	1

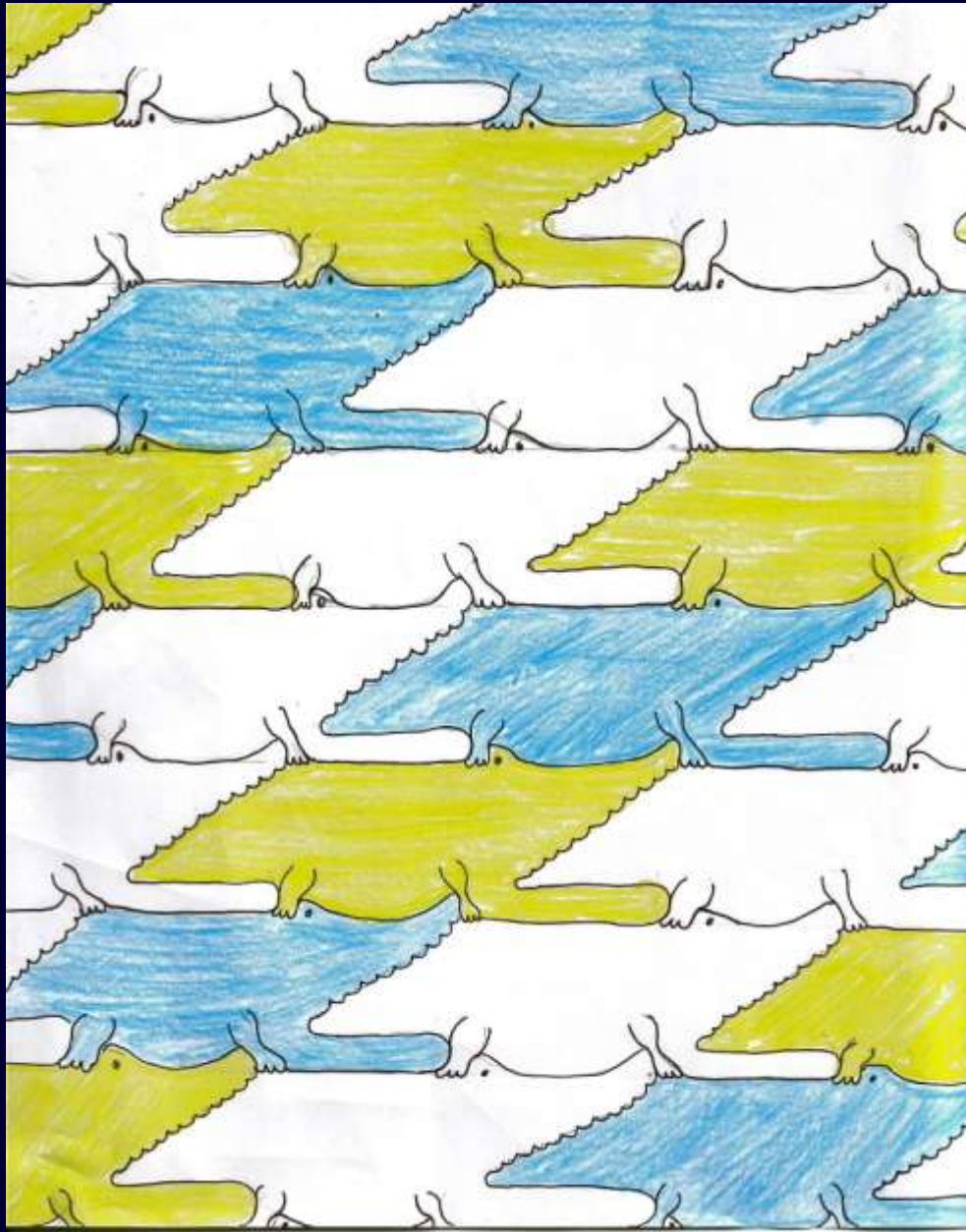
# Sample Activity: Maths

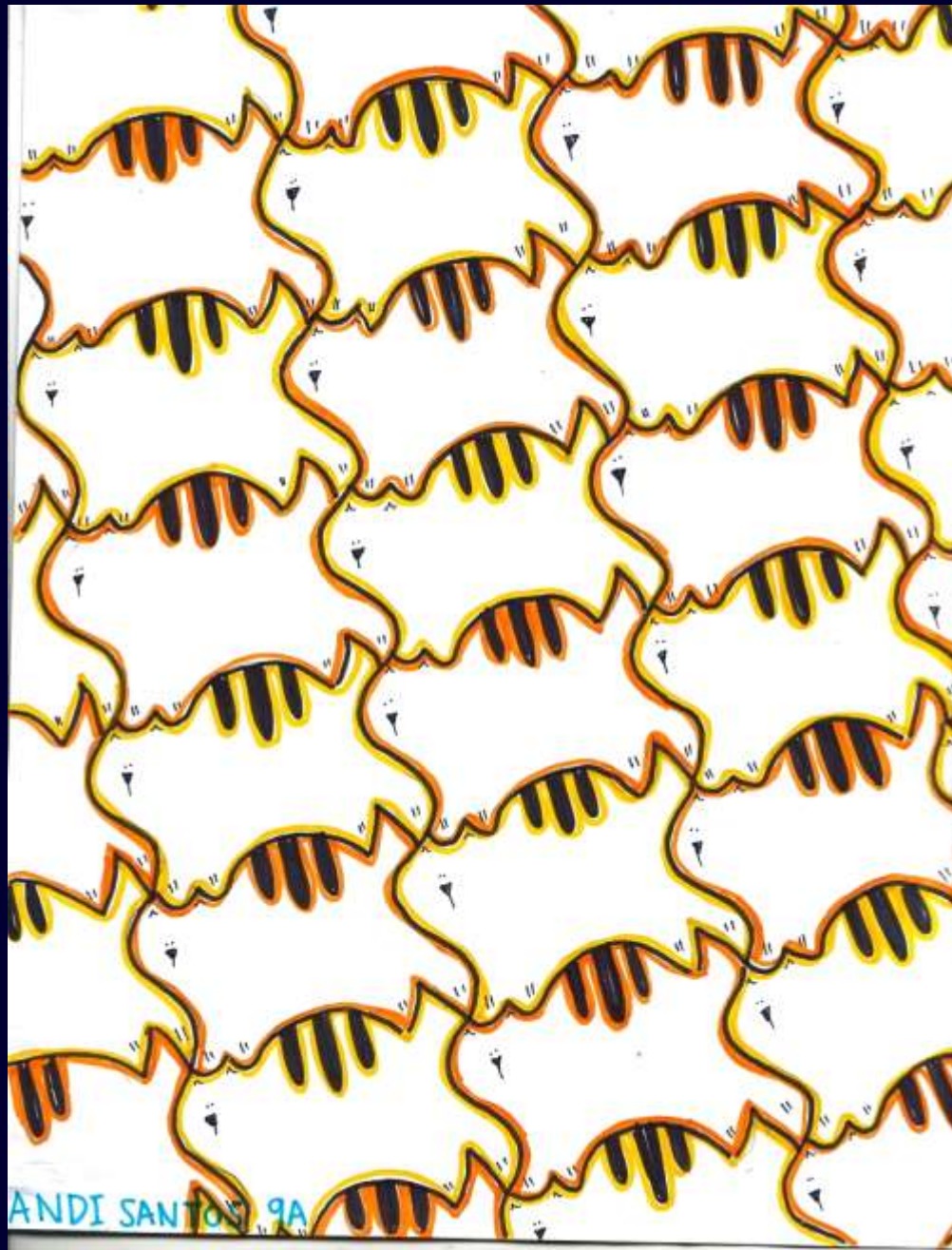
As application for the learning in the unit on Transformational Geometry, students were asked to create a tessellation.

**TASK SHEET:** Create a tessellation that satisfies the following:

1. The tessellating figure must be a modified polygon that represents an organic form.
2. Your tessellation must fit into an A3 sheet of paper.
3. The tessellation must contain at least 12 complete figures.
4. Your original figure must be hand-drawn.
5. You may use digital and mechanical means to reproduce your figure.
6. You are free to choose your medium as long as it clearly shows the tessellating figures.

Submit a document that describes general characteristics of tessellating shapes or forms and how you developed your tessellating figure. Provide sketches and studies.





ANDI SANTOS '9A

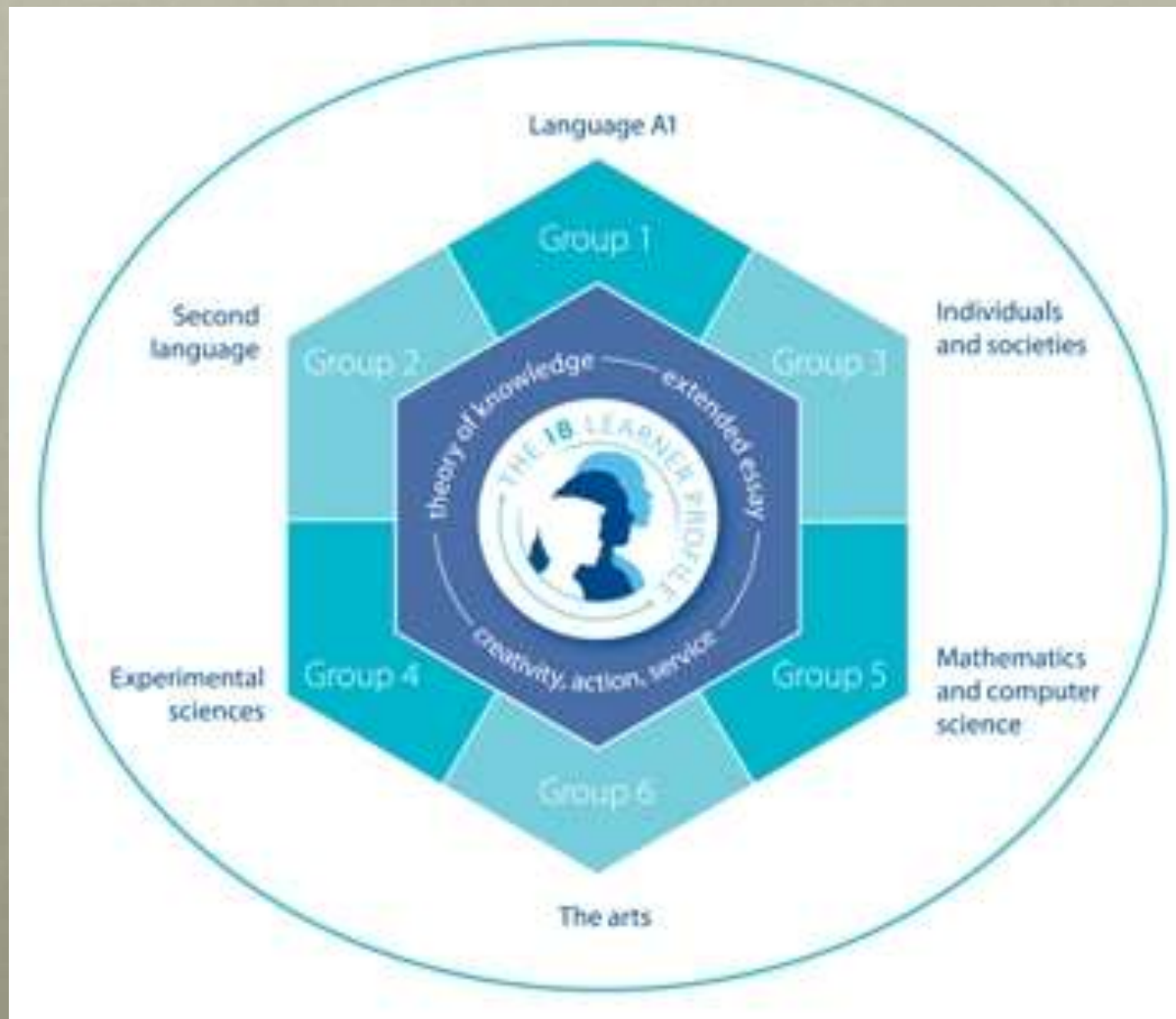


Maia Puyat

The aims of the Diploma Programme go beyond the acquisition of knowledge and skills to include the education of the whole person. This is in order “to develop to their fullest potential the powers of each individual to understand, to modify and to enjoy his or her environment, both inner and outer, in its physical, social, moral, aesthetic and spiritual aspects”

-- Alec Peterson, 1<sup>st</sup> Director General, IB, 2003

# The Diploma Programme



# Core requirements

1. The Extended Essay – offers an opportunity to investigate a topic of individual interest. It acquaints students with independent research and writing skills that will be expected at the university level.  
(prescribed limit: 4,000 words)
2. Theory of Knowledge – provides coherence to the DP by exploring the nature of knowledge across disciplines
3. Creativity, Action, Service – encourages students to be involved in artistic pursuits,  
Sports and community service work, fostering awareness of life outside of the academic area.

# The DP provides:

- breadth and balance – students study six subjects concurrently, three at a High Level and 3 at a standard level
- a discipline-based course of study to prepare students for university work
- interdisciplinary understanding – teachers help students make connections between different academic disciplines
- access to international perspectives and understanding
- for the development of independent learning strategies that are transferrable to new contexts