



**Gifted Education in  
Singapore:  
The Nanyang Primary  
School Experience**

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**Presented by  
Mdm Heng Boey Hong**

# *Towards an Ability-Driven Education*

- **Children have varying abilities**
- **Gifted pupils who are neglected are the greatest underachievers**
- **Small nation with only human resources to rely on**



# *Our Approach*

- **Started Gifted Education Programme since 1984 with 2 Primary Schools and 2 Secondary Schools**



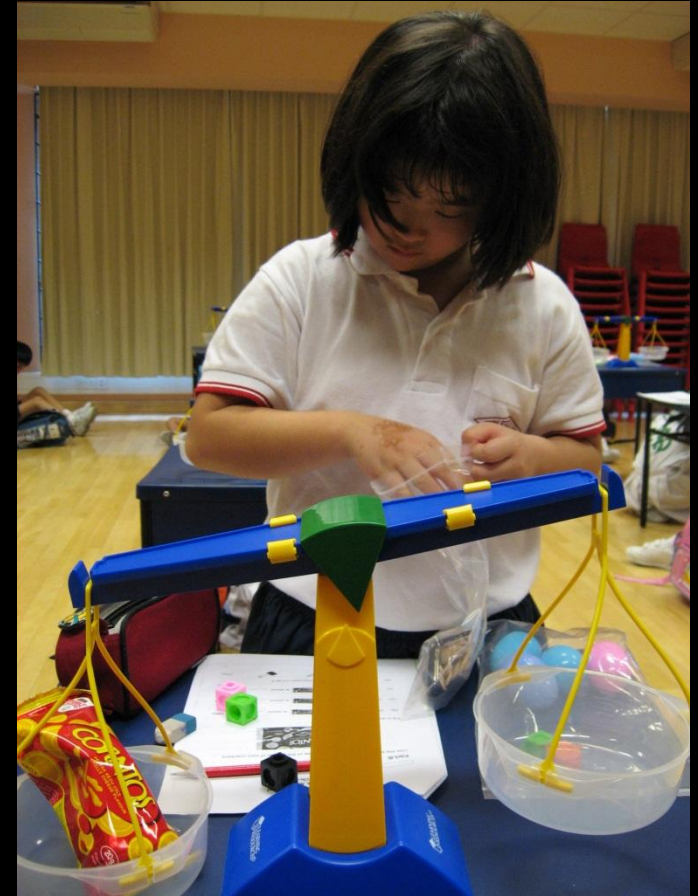
# *Our Approach*

- **Self-contained classes in regular schools**



# *Our Approach*

- **Selection conducted when the child is 9 years old**



# *Our Approach*

## **Enrichment NOT Acceleration**





## *Mission of GE Branch*



**Our mission is to provide leadership in the education of the intellectually gifted. We are committed to nurturing gifted individuals to their full potential for the fulfillment of self and the betterment of society.**

# *Training of Teachers*



- **Foundation Course** for an overview of education for the gifted
- **Affective Education for the Gifted Course** to examine the need for values inculcation and character building in the gifted
- **Curriculum Differentiation for the Gifted Course** to address the development of differentiated curriculum to cater to individual needs



# On-going training...

- **Developmental supervision on the job which focuses on lesson planning and delivery as well as the use of teaching strategies**
- **Regular meetings with GE Branch officers to guide teacher to be independent implementers of the programme and participate in the curriculum design process**
- **Conferences are held to review the GEP curriculum as well as map out curriculum for the new academic year**
- **Workshops are conducted by GE Branch officers and by overseas consultants**
- **Overseas attachments for teachers to attend courses in the field of gifted education are made available**

# *Multiple Intelligences as a Basis for Talent Development*

- **Spatial**
- **Linguistic**
- **Bodily-Kinesthetic**
- **Interpersonal**
- **Intrapersonal**
- **Musical**
- **Logical-Mathematical**





# *Selection of the Intellectually Gifted*

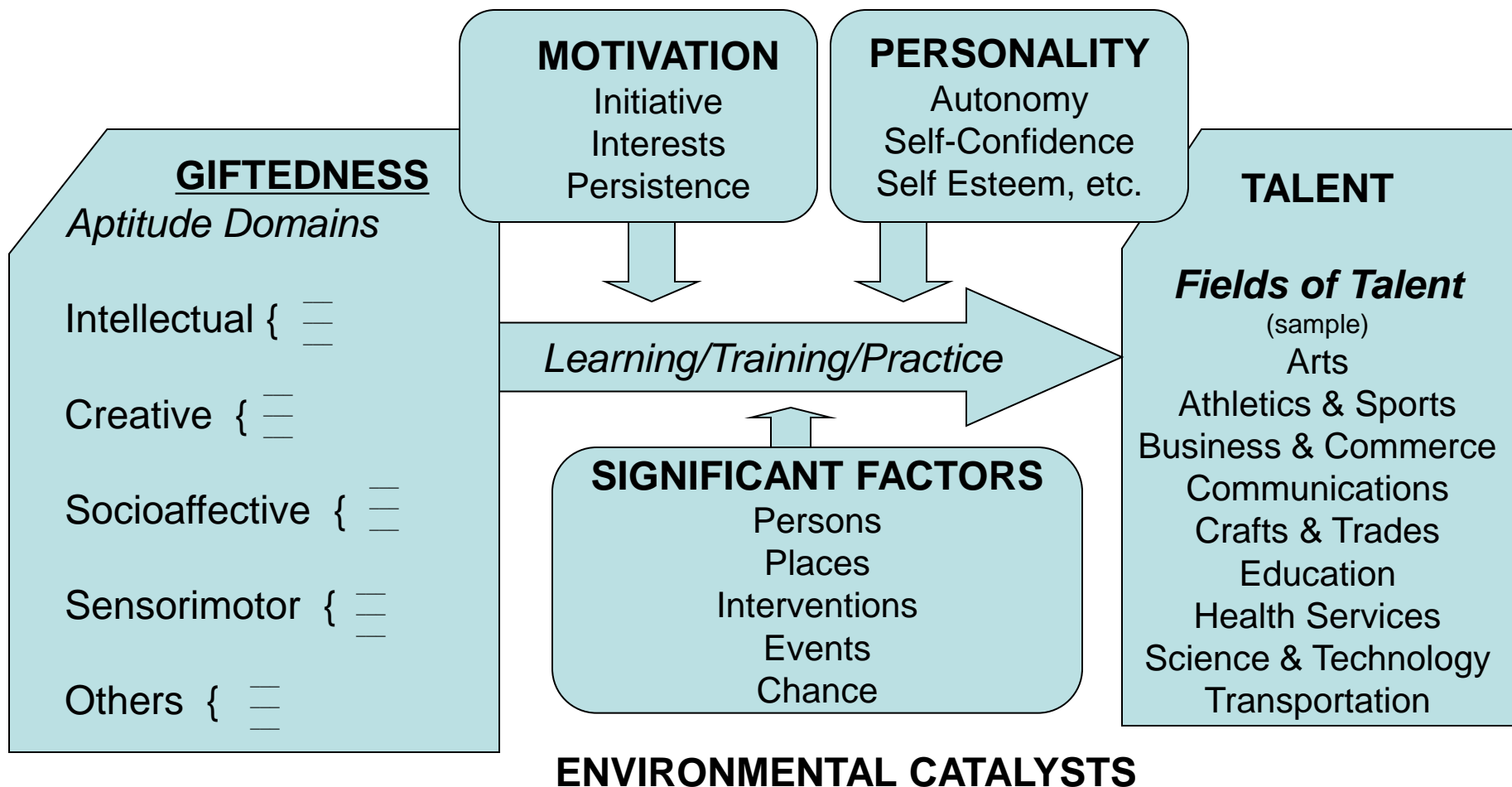
**Based on ability in:**

- **Language**
- **Mathematics**
- **General Ability**



# *Gagne's Differentiated Model of Giftedness and Talent*

## INTRAPERSONAL CATALYSTS



# *Enrichment*

## **Content**

- greater breadth
- greater depth

## **Variety in products**

## **Environment**

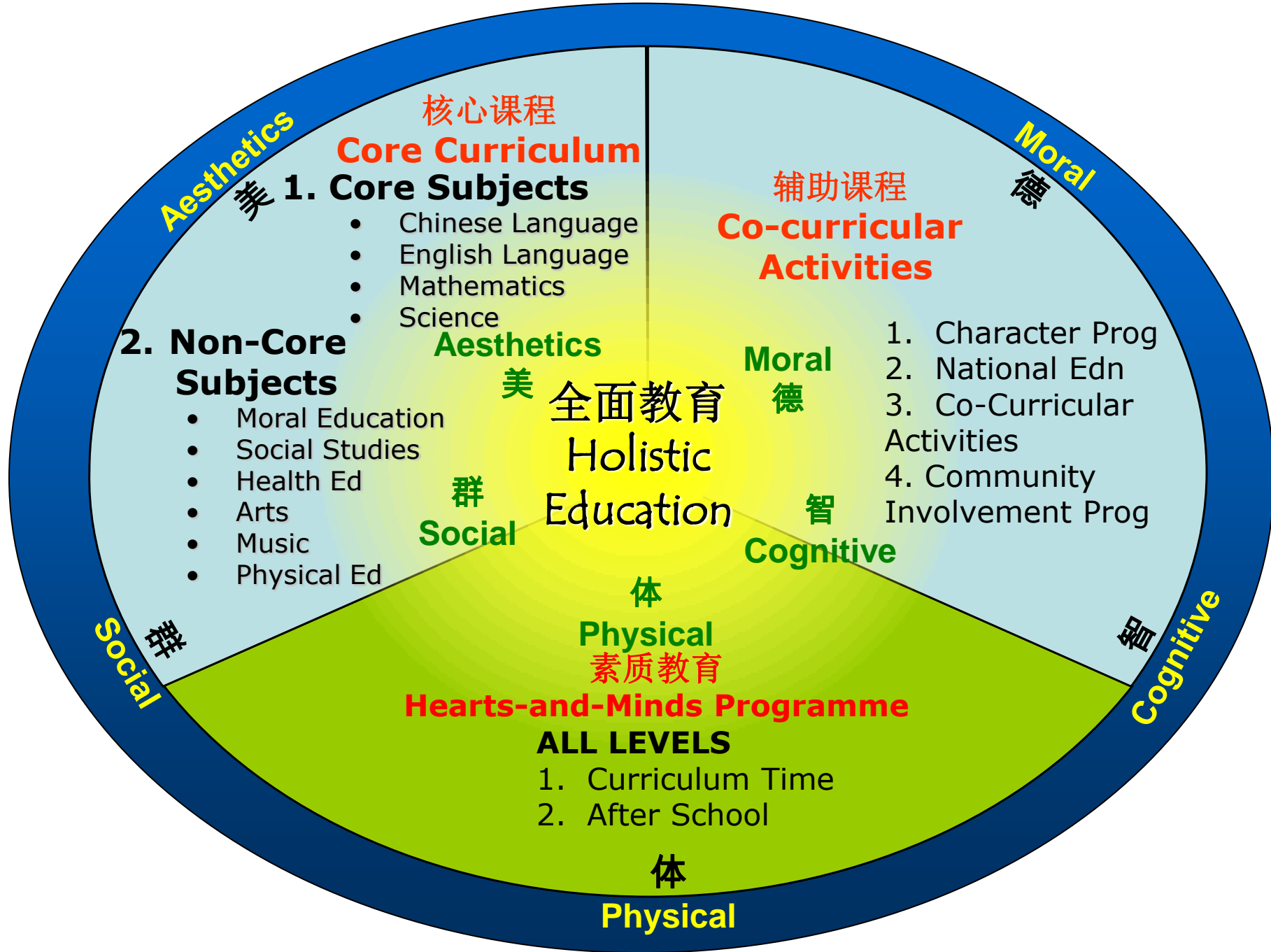
- learner-centered
- out-of-school learning experiences

## **Basic Curriculum**

## **Approach**

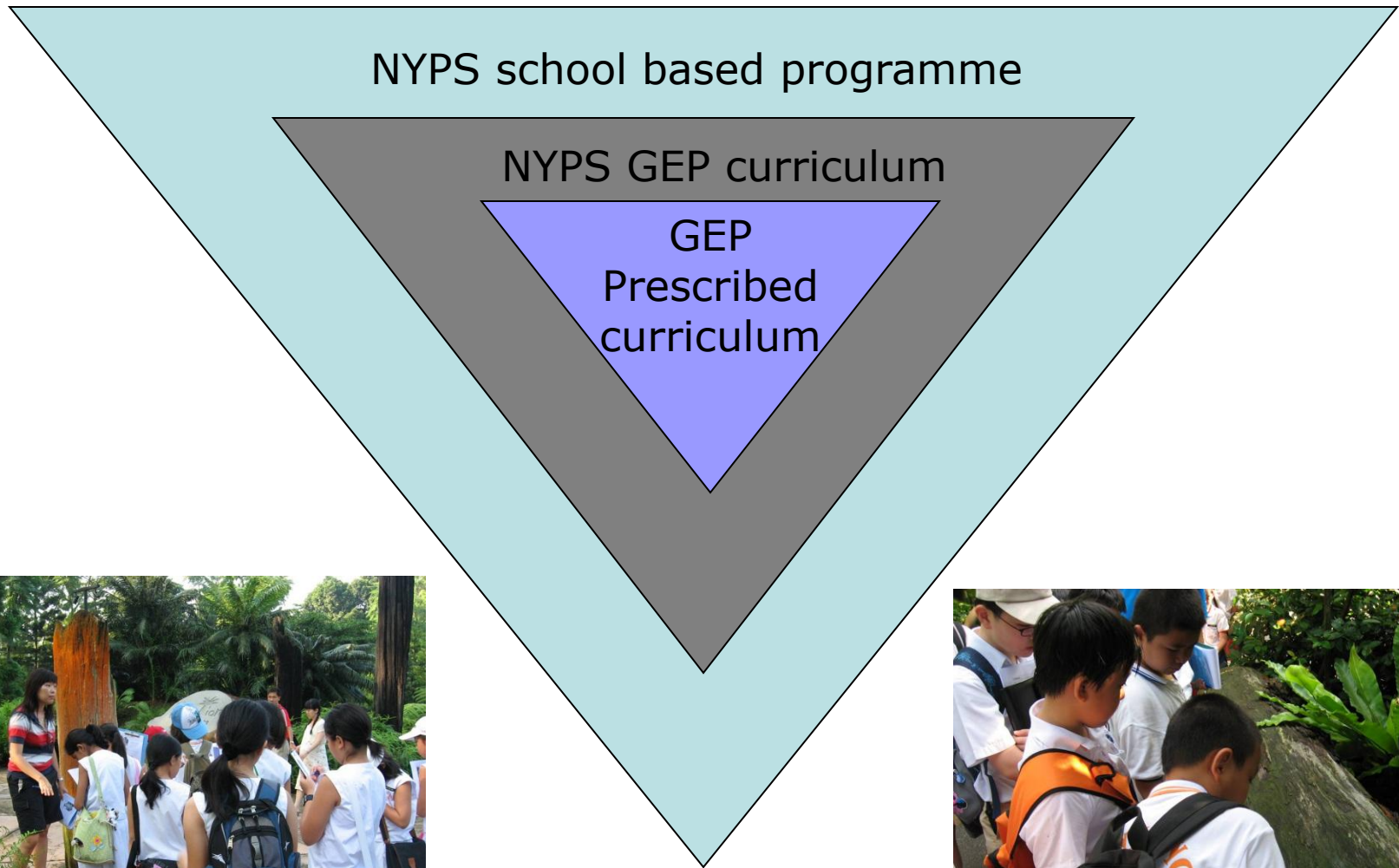
- more individualised strategies to promote higher level thinking
- independent learning

**Enrichment not Acceleration**



# *unique GEP @ NYPS*

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# *Nurturing the intellect...*

<b>Subject</b>	<b>Advanced group</b>	
	<i>(Tailored curriculum by NYPS)</i>	<i>(Prescribed programme by GEB )</i>
<u>English</u>	<ul style="list-style-type: none"><li>• Interclass debate</li><li>• Dramatisation</li></ul>	Selective enrichment
<u>Mathematics</u>	<ul style="list-style-type: none"><li>• Advanced Maths</li><li>• Maths Trail</li></ul>	Selective enrichment
<u>Science</u>	<ul style="list-style-type: none"><li>• Life Sci Trails</li><li>• Toys @ Work</li><li>• Science carnival</li></ul>	Selective enrichment



# *Nurturing creativity ...*

- Individualised study options

	<b>Options</b>	<b>Focus</b>
1.	Innovation Programme (IvP)	Innovation
2.	Individualised Research studies (IRS)	Research work (qualitative/quantitative)
3.	Future Problem Solving (FPS)	Creative Problem solving

# *Affective: cultivating the inner self*

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Domain	Platforms	Areas of focus
Moral	Civics & Moral Education / Pastoral Care	<ul style="list-style-type: none"><li>• Exploration of issues and responsibilities facing gifted pupils</li><li>• Inculcation of wholesome values and attitudes</li><li>• Discussion on personal, moral and ethical issues</li><li>• Experience of working in groups and for others</li><li>• Infusion of education values in the curriculum</li><li>• <b><i><u>HABITS OF MIND</u></i></b></li></ul>
	Core curriculum	<ul style="list-style-type: none"><li>• infusion of HOM into lessons</li></ul>

# *Engaging the gifted...*

- **Giving them a voice:**
  - Tea with Principal
  - Nanyang Sparks
- **Ex-pupils**
  - mentoring junior debaters
  - Sharing their secondary school experience
  - Active involvement in CCA



# *NYPs GEP*

## *Product*

### **Creative traits**

- versatile imagination
- tolerance for ambiguity
- has artistic & aesthetics interest

### **Intellectual traits**

- strong metacognition
- logical, analytical
- effectively bilingual,
- ability to handle high level of abstraction
- ability to transfer concepts to new situations

### **NYPs GEP Pupil**

- *Multipotentiality*  
(proficiency to excel in multiple endeavours)

### **Affective traits**

- Good intra- & inter-personal skills
- empathy
- good moral principles & integrity
- humility

### **Leadership skills**

- service to others
- stewardship of one's gift and talents
- role model with moral values
- sense of social conscience

*Thank You*

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