



Pusat  
PERMATApintar™  
Negara  
Universiti Kebangsaan Malaysia



PusatPERMATApintar™ Negara

PERMATApintar™ National Gifted Centre

## **PERMATApintar Education Program**

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School counselor: Mr Mohd Hakimie Zainal Abidin

## **Community**

Located in Bangi Malaysia on the Universiti Kebangsaan Malaysia (National University of Malaysia) campus, the PERMATApintar Education Program (PEP) enrolls top students from across the country. PEP's student community with its diversified ethnic origin, religion and socio-economic status reflects the colorful Malaysian culture.

## **School**

Launched in January 2011, the PERMATApintar Education Program (PEP) is one of four sections of Malaysia's PERMATApintar National Gifted Center. A two-year university preparatory program, PEP brings top high school students in Malaysia together in a residential school purposely built for their special academic talents and needs.

PEP students come from all segments of Malaysian society and represent the socioeconomic, ethnic, religious, and linguistic diversity that makes Malaysia such a rich and interesting place. PEP students are selected through a rigorous three-step process. The first two steps include a national talent search testing students IQ and reasoning abilities. From the tens of thousands of students participating in the first two steps a subgroup of a few hundred students are chosen to participate in step three. The third step includes content-based testing in math, science, and languages; IQ and EQ testing; and observations and interviews.

## **Curriculum**

PEP's curriculum blends the best of both Malaysian and international education. A low student to instructor ratio (8:1) allows for individualized attention and specially tailored programs. Using the national curriculum as a starting point, PEP then supplements it by adding international components including AP courses and O level. PEP students show excellence in Mathematics and Science subjects. PEP students learn two languages( French and Japanese) in addition to English and Malay language (90+% of the inaugural class entered with a fluency in English).

PEP is a compact and accelerated program which uses differentiated learning method. Students can complete the program within 6-24 months depending on their own learning ability. Exemption from taking the national exams (SPM and STPM) is given to the students who have demonstrated consistent academic achievements, can finish the program early, and have performed very well in standardized tests such as TOEFL, SAT and SAT subject tests. Furthermore, upon their graduation these students are awarded a PERMATApintar High School Diploma, which is equivalent to STPM. Other students have the option to take SPM, and later on enroll in ASASipintar, a one year pre-university program.



## School Community

While a highly competitive academic program is the hallmark of PEP, the program also emphasizes the importance of a well-rounded education. Learning takes place both within and outside of the classroom. To this end, PEP students participate in sports, clubs and uniformed bodies in school. PEP students also participate actively in local and international research competitions. By developing the academic, social, spiritual, and physical aspects of each student, PEP strives for alumni who will seek success not only for themselves, but also for their country, and the world.

## Grading and Ranking

<b>A+</b>	<b>90 – 100</b>	<b>4.00</b>
<b>A</b>	80-89	3.75
<b>A-</b>	70-79	3.45
<b>B+</b>	65-69	3.25
<b>B</b>	60-64	3.00
<b>C+</b>	55-59	2.50
<b>C</b>	50-54	2.00
<b>D</b>	45-49	1.75
<b>E</b>	40-44	1.50
<b>G</b>	≤39	0.00

PEP students sit for Semester 1 exams in May and Semester 2 exams in November every year.

As part of PEP's curriculum, students also attended enrichment programs offered by University Kebangsaan Malaysia. The courses are Japanese and French Languages, Calculus 1 and Linear Algebra. These courses are graded as AUDIT.

## Rank

The PERMATApintar Education Program policy does not rank students. Only the top PEP students apply to international universities. Since all students are considered as gifted, therefore it is the school's policy not to rank the students according to academic achievement. However, our top 15% students are encouraged to sit for SAT and TOEFL and apply for admission to international universities.

## GPA Calculation

GPA computation is weighted on a 4.0 scale.

## Class of 2011

There will be 15 graduates in 2011. At present

1. 0 earned a 4.0
2. 15 earned 3.5–3.99
3. 0 earned 3.0–3.49
4. 0 earned 2.50–2.99
5. 0 earned 2.0–2.49
6. 0 earned less than a 2.0

## Class of 2012

There will be 100 graduates in 2012. The targeted results will be:

1. 5 earned a 4.0
2. 55 earned 3.5–3.99
3. 40 earned 3.0–3.49
4. 0 earned 2.50–2.99
5. 0 earned 2.0–2.49
6. 0 earned less than a 2.0

## Standardized Test Results

13% of the Class of 2012 (115) took the SAT		13% of the Class of 2012 (115) took the TOEFL	
Critical Reading: 71%	410-750	Reading :89%	22-29
Math: 85%	610-790	Listening: 90%	21-30
Writing: 71%	470-690	Writing: 89%	21-29
		Speaking: 80%	17-29

## Awards and Distinctions, 2011-2012

ACTIVITIES	LOCATION	DATE	AWARDS
The 3 <sup>rd</sup> APEC Future Scientist Conference	National Taiwan Science Education Center, Taipei, Taiwan	11-15 April 2011	1 Gold 1 Bronze
Genius Olympiad	Universiti Suny Oswego (USO) New York, Amerika Syarikat.	11-15 April 2011	1 Silver
The 3 <sup>rd</sup> ASEAN + 3 Students and Teachers for Gifted in Science Camp	Jeju National University, Jeju Island South Korea	31 July 2011	2 Gold 1 Silver 2 Bronze
Asian Gifted Students Fair 2011	Kepala Batas Secondary Science School Penang Malaysia	12-18 April 2011	1 Bronze
PECIPTA	Kuala Lumpur Convention Center	13-15 September 2011	1 Silver 1 Bronze
Gen II Robot Soccer	STADIUM TITIWANGSA Kuala Lumpur	29 September 2011	1 Gold
World Robot Olympiad	Abu Dhabi, UAE	17 November 2011	Excellent Award



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### Colleges attended by PERMATApintar Education Program graduates over the last four years

2011/2 will be the first graduating class	
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