



# SCIENCE - MATH

## BRAIN POWER PHILIPPINES

SEC REG NO.: CS201726539  
TIN: 009-773-422-000

Unit 213/215 Alpha Bldg. Subic International Hotel Complex Sta. Rita Road CBD Area, Subic Bay Freeport Zone,  
Olongapo City, Philippines  
Tel No.: (047) 251-3799  
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October 8, 2017

**AGUSTIN P. LABAN III (OIC)**  
Schools Division Superintendent  
Baguio City

Sir:

We are pleased to inform you that the **Science-Math Brain Power Philippines (SMBPP)**, an active partner of the Department of Education (DepEd) will conduct the **First National Level Science and Mathematics Power Quiz and Research Congress 2017** for both public and private elementary and secondary schools on December 8 – 10, 2017 at Subic Bay Exhibition and Convention Center (SBECC), Subic Bay Freeport Zone, Olongapo City. The theme for this year's competition is "Power-Up Your Mind Through Science and Math Competition for a Better Environment".

The academic competitions will provide opportunities to develop the 21<sup>st</sup> century skills and attitude of the students and teachers in the field of Science and Mathematics as two of the key learning areas for the holistic development of Filipino learners.


In this regard, we request support from your good Office by endorsing the said competition thru an advisory, enjoining both private and public schools in your Division to participate in the said undertaking.

Interested teachers and students may contact us at admin@sci-mathbrainpower.com; Telephone Number: (047) 2513-799, or visit our website at www.sci-mathbrainpower.com for details and other contest information.

Attached is the Contest Guidelines for your reference.

Very truly yours,

  
**ENGR. FREDERICK A. EDUVANE**  
President/CEO

To: Chief, CID  
EPS, Math  
EPS, Science  
For: Information and  
Dissemination  
Thanks: 





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## I. GENERAL CONTEST GUIDELINES

1. Only officially enrolled pupils from Grades 4 to 6 in the elementary level and students from Grades 7 to 10 in junior high school are allowed to join in the different contests of their choice. It is highly suggested that participating schools should come up with a system of selecting their contestants. Valid school ID or principal's endorsement of the contestants shall be requested during the contest registration.
2. Only registered participants are allowed to join and participate in the chosen contest/s. A contestant is only allowed to join in two (2) contests considering that most of the contest events will be held simultaneously. The first contest selected should be held in the morning and the other contest in the afternoon or in the next contest day to avoid conflict of schedule.
3. For every ten (10) student-participants per school delegation, one (1) coach/adviser is free from registration fee. If it is less than ten (10) student-participants, the coach/adviser should pay the registration in full. All Regional Supervisors in Science and Mathematics who wish to attend will be treated as guests and therefore free of registration.
4. A Paper-and-Pencil Test (PPT) is to be provided for quiz participants. A multiple choice, fifty (50) items test shall be prepared. This is a one-hour test. Answers will be written on the test paper. All scratch papers will be collected after the test.
5. A medallion and a certificate shall be awarded to the winners of the different quiz events. The 1<sup>st</sup> palcer who gannered a total points of 47-50 will receive a **Gold medallion**. The 2<sup>nd</sup> placer with 44-46 points and 3<sup>rd</sup> placer with 41-43 points will receive a **Silver** and **Bronze medallion** respectively. A **Certificate of Merit** will be awarded to student-participants pounded up with 35-40 points. Those who obtained scores below 35 will be receiving a **Certificate of Recognition**. The coach/adviser will also receive a certificate of recognition. An over-all standing of Schools Division that participated shall be determined. Trophies and certificate of recognition shall be awarded to top three (3) Schools Division Offices (SDOs).
6. All participants and guests must abide with the house rules within the venue and in the entire duration of the contest. Students and coaches/advisers must abide with the contests rules and regulations.
7. The decision of judges in all contests is final and irrevocable.





## II. SPECIFIC CONTEST GUIDELINES

### A. FOR ELEMENTARY SCIENCE

#### 1. Science Brain Power (SBP) Quiz

- The SBP Quiz is open to Grades 4 to 6 pupils only.
- The test covers the content standard of the K to 12 Science curriculums for each grade level.
- A maximum of three (3) contestants for each grade level are allowed to join.

#### 2. Earth & Environment Power (EEP) Quiz

- The Earth & Environment Power Quiz is open to Grades 4 to 6 pupils only.
- A maximum of five (5) contestants per school can participate in this quiz.
- The quiz covers the following subjects/topics: Geology, Astronomy, Environmental Laws, and currents events and issues related to environment.

### B. FOR ELEMENTARY MATHEMATICS

#### 1. Mathematics Brain Power (MBP) Quiz

- The MBP Quiz is open to Grades 4 to 6 pupils only.
- The test covers the content standard of the K to 12 Mathematics curriculum for each grade level.
- A maximum of three (3) contestants for each grade level are allowed to join.

#### 2. Mathematics Compute- Fast Relay (MC-FR)

- The MC-FR is open to Grades 5 & 6 levels only.
- Only two (2) pupils per grade level are allowed to join the contest.
- Several stations will be provided and each station has mathematical problems to be solved. The participant who finishes solving the problems correctly and reaches the finish line shall be declared the winner. The participant will not be allowed to proceed to the next station unless he or she solves the given problem/s correctly.

### C. FOR JUNIOR HIGH SCHOOL LEVEL SCIENCE

#### 1. General Science Brain Power (GSBP) Quiz

- The GSBP Quiz is open to Grades 7 to 10 students.
- A maximum of three (3) contestants for each grade level are allowed to join.
- The test covers the content standard of the K to 12 Science curriculum for each grade level.





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**2. National Meteorology and Astronomy (NMA) Quiz**

- The NMA Quiz is open to Grades 7 to 10 students.
- A maximum of five (5) contestants per school are allowed to join.
- The test covers different topics/concepts in Meteorology and Astronomy subjects.

**3. National Geology and Hydrology (NGH) Quiz**

- The NGH is open to Grades 7 to 10 students.
- A maximum of five (5) contestants per school are allowed to join.
- The test covers different topics/concepts in Geology and Hydrology subjects.

**D. FOR JUNIOR HIGH SCHOOL LEVEL MATHEMATICS**

**1. General Mathematics Brain Power (GMBP) Quiz**

- The GMBP Quiz is open to Grades 7 to 10 students.
- A maximum of three (3) contestants for each grade level are allowed to join.
- The test covers the content standard of the K to 12 Mathematics curriculum for each grade level.

**2. Algebra and Geometry Quiz (AlGeo Quiz)**

- The AlGeo Quiz is open to Grades 7 to 10 students.
- A maximum of three (3) contestants per grade level are allowed to join.
- The test covers different topics/concepts in Algebra and Geometry subjects per grade level.

**3. Brain Power Statistics (BP Stat Quiz)**

- The BP Stat Quiz is open to Grades 7 to 10 students.
- A maximum of five (5) contestants per school are allowed to join.
- The test covers different topics/concepts in Statistics.

**E. SCIENCE INVESTIGATORY PROJECT (SIP) CONGRESS**

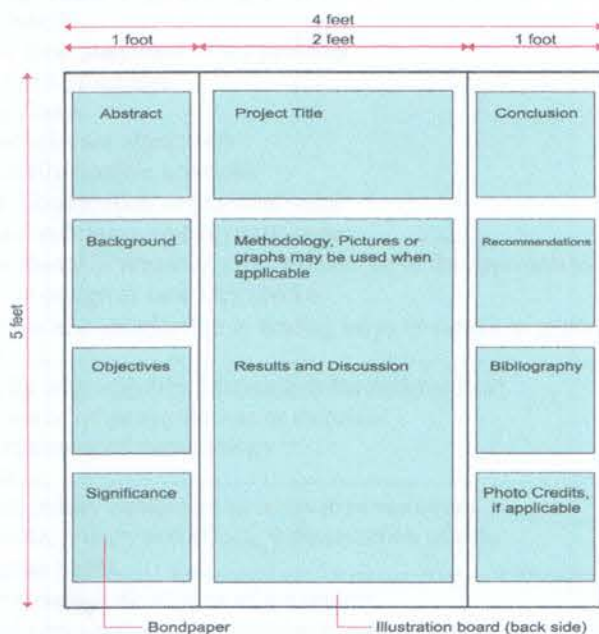
- The **ELEMENTARY** participants in the SIP Congress are the Division 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place winners, Individual and Team for both Biological and Physical Science categories.
- The **JUNIOR HIGH SCHOOL** participants in the SIP Congress are the Division 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place winners, Individual and Team for both Biological and Physical Science categories.
- Award certificate or a certification from the organizer that the project is indeed a winner in the Division Level should be presented during registration day.
- Team category in both Biological and Physical Sciences may compose of two (2) or three (3) researchers from any grade level and one (1) leader shall be designated.
- The Science Investigatory Projects should be new (not repetition of years back projects) or continuation of the previous year's project. Each project should have **one** Research Adviser.





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- A soft copy of the Abstract of the Research and the full version of the research paper must be submitted electronically on November 17, 2017 or at least two (2) weeks prior to the date of the contest at **admin@sci-mathbrainpower.com**. However, the proponents are required to submit three (3) hard copies in double-spaced short-sized bond paper on the registration date. **Late or no submission of write-ups will invalidate the entry.**
- Abstract* on A4 size bond paper, Arial font type, font size 12 and double-spaced. The presentation of the *Abstract* shall be Oral and lasts for 5 minutes, and 10 minutes for clarificatory questions from the Board of Judges. The *Abstract* should have a maximum of 250 words and includes the following:  
(a.) Purpose of the experiment (b.) Procedure (c.) Findings and (d.) Conclusion.
- The full version of the paper shall use the “author, date” in text-referencing format and shall have the following format: *Title, Abstract* (with key words), *Introduction* (including statement of the problem, conceptual framework), *Brief Review of Literature, Methodology* (Design, Locale, Respondents, Statistical Tools), *Findings and Discussions, Conclusions, Recommendations and References* (if any).
- The exhibit** should be put up in the designated area in the contest venue on first day of the contest. The project display which is made up of an **illustration board** (portrait layout) and paper cut outs, should not be more than 5 feet high x 4 feet wide in size, following the format and contents shown in Figure 1. The project display summarizes the research project and must focus on the proponent’s work for this year’s study, and if applicable, with only minimal reference to previous research.



**Figure 1. Size, Format and Contents of the Exhibit**

the organizer will provide free transportation to and from the contest venue and participant’s hotel inside Subic Bay Freeport Zone only. A free tour is scheduled and inclusive from the registration fee.





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### SCHEDULE OF COMPETITIONS

<b>Day 1: Morning Schedule (December 8, 2017)</b>				
<b>Activities / Competitions</b>	<b>Time</b>	<b>Venue</b>		
Arrival & Registration	7:00am-10:00am	SBECC		
Opening Ceremony	10:00am-12:00noon	SBECC		
Lunch Break 12:00-1:00pm				
<b>Day 1: Afternoon Schedule (December 8, 2017)</b>				
<b>SCIENCE COMPETITION</b>				
Briefing of Contestants (SBP and EEP)	1:00pm-1:30pm	TBD	SBECC	
Science Brain Power Quiz (SBP)	1:30pm-2:30pm	TBD	SBECC VIP 1	
Earth and Environment Power Quiz (EEP)	1:30pm-2:30pm	TBD	SBECC VIP 2	
Briefing of Participants Science Investigatory Project	1:00pm-1:30pm			
Elementary and Junior High School Investigatory Project Display	Starts at 1:30pm	TBD	SBECC Office 3	
Preliminary Assessment of Science Investigatory Projects (visiting the SIP Exhibit)	1:30pm-5:30pm	TBD	SBECC Office 3	Judges will evaluate the projects to determine who will be qualified for the Oral Presentation
<b>MATHEMATICS COMPETITION</b>				
Briefing of Contestants (MBP and MC-FR)	2:30pm-3:00pm	TBD	SBECC	
Mathematics Brain Power Quiz (MBP)	3:00pm-4:30pm	TBD	SBECC VIP 1	
Mathematics Compute – Fast Relay (MC-FR)	3:00pm-4:30pm	TBD	SBECC VIP 2	
<b>Day 2: Morning Schedule (December 9, 2017)</b>				
<b>SCIENCE COMPETITION</b>				
Briefing of Contestants Junior High School	8:00am-8:30am	TBD	SBECC	
General Science Brain Power Quiz (GSBP)	8:30am-9:30am	TBD	SBECC	



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National Meteorology and Astronomy Quiz (NMA)	8:30am-9:30am	TBD	SBECC	
National Geology and Hydrology Quiz (NGH)	8:30am-9:30am	TBD	SBECC	
<b>MATHEMATICS BRAIN POWER QUIZ</b>				
Briefing of Contestants Junior High School	9:30am-10:00am	TBD	SBECC	
General Mathematics Brain Olympics Quiz (GMBO)	10:00am-11:00am	TBD	SBECC	
Algebra and Geometry Quiz (AlGeo)	10:00am-11:00am	TBD	SBECC	
Brain Power Statistics Quiz (BP Stat)	10:00am-11:00am	TBD	SBECC	
<b>SCIENCE CONGRESS</b>				
Oral Defense for Science Investigatory Project Elementary	8:00am-12:00noon	TBD	SBECC	
Oral Defense for Science Investigatory Project Junior High School	8:00am-12:00noon	TBD	SBECC	
Lunch Break 12:00-1:00pm				
<b>Day 2: Afternoon Schedule (December 9, 2017)</b>				
SCI-MATH TOUR	1:00pm-5:00pm	TBD	Jest Camp, Subic Zafari	Load and Unloading of Sci-Math tourists at SBECC Vicinity
<b>Day 3: Awarding and Closing Ceremony</b>				
Sci-Math Delegates, Coaches, Parents and Guests	9:00am – 11:00am	TBD	SBECC Plenary Hall	

### RULES TO ADHERE DURING THE COMPETITIONS:

1. Student-participants must be in full school or P.E. uniform and must wear Science-Math Brain Power Philippines (SMBPP) identification card.
2. No student will be allowed to participate without a teacher/coach. In addition, no student is permitted to wander the competition venue without a liaison.
3. Replacement of participant/s in any contest is not allowed after registration
4. Student-participants must be inside the room competition venue fifteen (15) minutes before the actual time of quiz.
5. The participants will not be allowed to use mobile or other electronic gadgets during the quiz. All cellphones must be SWITCHED OFF before entering the competition venue.
6. Student-participants are prohibited to communicate or talk with each other once the quiz starts.
7. Student-participants may ask the assigned proctor before the quiz starts for some clarifications.