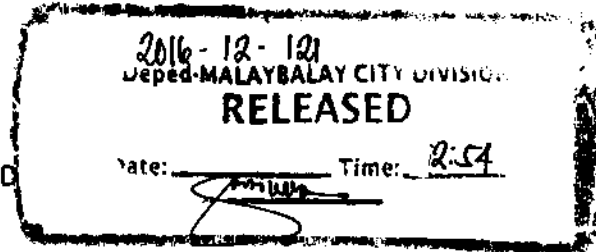





Department of Education  
Region X-Northern Mindanao  
**DIVISION OF MALAYBALAY CITY**  
Purok 6, Casisang, Malaybalay City



**DIVISION ADVISORY**



**TO:** Chief Education Supervisors and Staff – CID and SGOD  
Elementary and Secondary School Heads  
Public and Private Schools  
This Division

**FROM:**   
EDILBERTO L. OPLENARIA, CESO VI  
Schools Division Superintendent

**DATE:** December 7, 2016

**SUBJECT: 6<sup>th</sup> Search for Bukidnon Young Math Wizard, 25<sup>th</sup> Search for Bukidnon Junior Mathematician and 1<sup>st</sup> Search for Bukidnon Senior High Math Wiz**

1. Enclosed is the invitation letter from the Office of Ms. Zeny Maureal, the Brain Teasers Club Adviser of Bukidnon State University dated December 2, 2016 re: 6<sup>th</sup> Search for Bukidnon Young Math Wizard (Elementary level), 25<sup>th</sup> Search for Bukidnon Junior Mathematician (Secondary level) and 1<sup>st</sup> Search for Bukidnon Senior High Math Wiz the content of which is self-explanatory.
2. Interested teacher-coaches, pupils and students are encouraged to join. However, participation to this activity is in accordance to established rules and policies of the Department.
3. For information and guidance.



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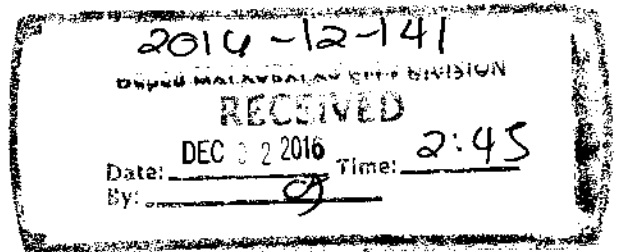
**MATHEMATICS DEPARTMENT  
BRAIN TEASERS CLUB**



December 2, 2016

**EDILBERTO L. OPLENARIA**

Schools Division Superintendent  
Division of Malaybalay City  
Malaybalay City, Bukidnon



Madam/Sir:

Greetings of peace and prosperity!

The Mathematics Department and the Brain Teasers Club of Bukidnon State University will be celebrating the Mathematics Week on February 6-10, 2017. This activity aims to provide a variety of mathematics related activities that showcase its importance to the society. The weeklong celebration will be held at the BuksU Auditorium.

In this regard, we may ask permission from your good office to allow both the public and private elementary, junior high schools, and senior high schools under your supervision to join the following activity:

1. 6<sup>th</sup> Search for Bukidnon Young Math Wizard (Elementary Level) – February 7, 2017
2. 1<sup>st</sup> Search for Bukidnon Senior High Math Wiz (Senior High School Level)- February 8, 2017
3. 25<sup>th</sup> Search for Bukidnon Junior Mathematician (Junior High School Level) – February 9, 2017


Attached hereunto is the mechanics of these activities.

We are looking forward to your favorable response on this request. Thank you and may God bless us all.

Very truly yours,

  
**MS. ZENY L. MAUREAL**  
Adviser

Noted by:

  
**DR. TERESA L. TACOBO**  
Chairperson, Mathematics Department



# BUKIDNON STATE UNIVERSITY

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## MATHEMATICS DEPARTMENT

### BRAIN TEASERS CLUB

#### 6<sup>TH</sup> SEARCH FOR BUKIDNON YOUNG MATH WIZARD

#### Mechanics:

- The contest is open to all Grade V and Grade VI elementary pupils of the Province of Bukidnon.
- A maximum of five (5) contestants from each elementary school, public or private, will be allowed to join the contest.
- A registration fee of two hundred fifty pesos (P250.00) will be collected from each participant and coach. This registration covers 1 meal, 1 snack, a souvenir item, and other expenses of the contest, such as, certificates, trophies, medals, etc. The transportation expenses will be shouldered by the participant/coach/center. The increase of the registration fee is due to the inclusion of the souvenir item and the winners' cash prizes.
- The competition shall be composed of two (2) rounds: the Elimination Round, which is a written exam, and the Final Round, which is an oral examination.
- During the Elimination Round, all contestants will take the written exam, which is good for one hour and thirty minutes. This round will serve as the basis in identifying the top fifteen pupils to qualify for the final round.
- In case of tie in the fifteenth position, tie breaking questions will be given orally to these contestants. The first contestant who can answer the question will be the fifteenth finalist. In cases where many contestants are vying for the last two or more positions, such as, but not limited to 13<sup>th</sup>, 14<sup>th</sup>, and 15<sup>th</sup> positions, the place holders will be identified through tie breaking questions. The first contestant who can answer a question correctly will hold the higher position; the next one will hold the other position, and so on.
- In the final round, there will be three sets of questions to be given. These are categorized as easy, moderately difficult and difficult questions. The number of points and the corresponding time limits are shown below:

Question Category	Number of Items	Equivalent Points	Time Limit
Easy	10	5	10 seconds
Moderately Difficult	10	10	30 seconds
Difficult	5	15	60 seconds

- Each contestant will be furnished with an illustration board, chalk, eraser and scratch paper for the final round.
- The quizmaster in the final round will read each question twice and at the same time that the question will be projected on a screen. The contestants may begin taking notes of the given information during the first reading of the question. The final answer should be written on the illustration board which will be raised by the contestants after the timekeeper rings the bell for the time and shall be kept raised until the quizmaster recognizes the answer.
- In case/s of a tie/s in the first three highest positions, tie breaking questions will be given to the respective finalists. Tie breaking questions is equivalent to 1 point each and is limited up to fifty (50) seconds. The first contestant that can answer the question will be deemed winner of the position.
- The topics to be included in the competition are from all the lessons of the Grade V and the 1<sup>st</sup> and 2<sup>nd</sup> grading period lessons of the Grade VI. Specifically, these cover the following topics: whole and decimal numbers; fractions (orders, operations, reductions, conversions); operations of integers; ratio, proportion and percent; geometry; measurement (circumference, area, surface area, volume, temperature); rounding off of numbers; and problem solving of the above concepts.
- Only the contestants and their registered coaches can ask questions or clarification with regards to contest proceedings, questions, answers, and scores of the contestants. Only member of the board of judges or when requested by the Board of Judges shall respond to the questions or provide qualifications. The decision of the board of judges shall be final.
- Any issues pertaining to the contest questions asked in a particular round shall be addressed by the Board of judges before the next round begins. All clarification regarding Round 3 will be addressed before the declaration of winners.
- Each of the fifteen finalists will receive a medal and the 3 winners (first, second and third placer) will receive a cash prize and a trophy.

#### REPLY SLIP

Please check/fill in the blanks:

\_\_\_\_\_ We will send contestants for the search

\_\_\_\_\_ Number of contestant/s to be sent

\_\_\_\_\_ We are sorry, we cannot send any contestant for the search

Name of Contestants and Coach/es : (Please write in PRINT). This is necessary so that we can make the necessary preparation for their meals, snacks and identification cards.

\_\_\_\_\_

\_\_\_\_\_

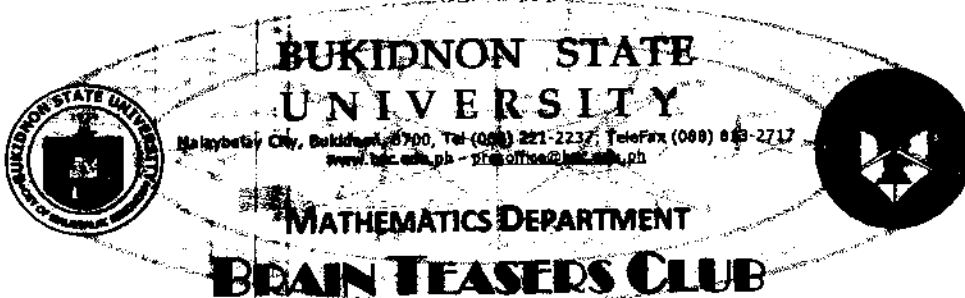
\_\_\_\_\_

Signature of Coach/School Administrator

Name of School: \_\_\_\_\_

Address: \_\_\_\_\_ Contact Number: \_\_\_\_\_

You may text or call THE ADVISER/BTC President at 0917-718-1655 or 09503518432 or e-mail to [zimaureal2014@gmail.com](mailto:zimaureal2014@gmail.com) or [drexileobiena@gmail.com](mailto:drexileobiena@gmail.com) by sending the Names of Participants and Coach/es, Name of School, Address, and the Coach/es contact Number/s. Replying through text messaging is still subjected to the confirmation with your returned reply slip or email.



## 25<sup>th</sup> SEARCH FOR BUKIDNON JUNIOR MATHEMATICIAN

### MECHANICS:

1. The contest is open to grade 9 and grade 10 students of the Province of Bukidnon.
2. A maximum of five (5) contestants from each high school, public or private, will be allowed to join the contest.
3. A registration fee of two-hundred fifty pesos (P 250.00) will be collected from each participant and coach. This registration covers 1 meal, 1 snack, a souvenir item, and other expenses of the contest, such as, certificates, trophies, medals, etc. The transportation expenses will be shouldered by the participant/coaches/center. The increase of the registration fee is due to the inclusion of the souvenir item and the winners' cash prizes.
4. The competition shall be composed of two (2) rounds/phases: the Elimination Round, which is a written exam, and the Final Round, which is an oral examination.
5. During the Elimination Round, all contestants will take the written exam, which is good for one hour and thirty minutes. This round will serve as the basis in identifying the top fifteen students to qualify for the final round.
6. In case of tie in the fifteenth position, tie breaking questions will be given to these contestants orally. The first contestant who can answer the question will be the fifteenth finalist. In cases where many contestants are vying for the last two or more positions, such as, but not limited to 13<sup>th</sup>, 14<sup>th</sup>, and 15<sup>th</sup> positions, the place holders will be identified through tie breaking questions. The first contestant who can answer a question correctly will hold the higher position; the next one will hold the other position, and so on.
7. In the final round, there will be three sets of questions to be given. These are categorized as easy, moderately difficult and difficult questions. The number of points and the corresponding time limits are shown below:

Question Category	Number of Items	Equivalent Points	Time Limit
Easy	10	5	10 seconds
Moderately Difficult	10	10	30 seconds
Difficult	5	15	60 seconds

8. Each contestant will be furnished with illustration board, chalk, eraser and scratch paper for the final round.
9. The quizmaster in the final round will read each question twice at the same time that the question will be projected on a screen. The contestants may begin taking notes of the given information during the first reading of the question. The final answer should be written on the illustration board which will be raised by the contestant after the timekeeper rings the bell for the time and shall be kept raised until the quizmaster recognizes the answer.
10. In case/s of a tie/s in the first three highest positions, tie breaking questions will be given to the respective finalists. Tie breaking questions is equivalent to 1 point each and is limited for up to fifty (50) seconds. The first contestant who can answer the question will be deemed winner of the higher position.
11. The exam will cover the topics discussed in Algebra, Trigonometry, Geometry, Descriptive Statistics, and Probability.
12. Only the contestants and their registered coaches can ask questions or clarification with regards to contest proceedings, questions, answers, and scores of the contestants. Only member of the board of judges or when requested by the Board of Judges shall respond to the questions or provide qualifications. The decision of the board of judges shall be final.
13. Any issues pertaining to the contest questions asked in a particular round shall be addressed by the Board of judges before the next round begins. All clarification regarding Round 3 will be addressed before the declaration of winners.
14. Each of the fifteen finalists will receive a medal and the 3 winners (first, second and third placer) will receive a cash prize and a trophy.

### REPLY SLIP

Please check/fill in the blanks:

We will send contestants for the search

Number of contestant/s to be sent

We are sorry, we cannot send any contestant for the search

**Name of Contestants and Coach/es :** (Please write in PRINT). This is necessary so that we can make the necessary preparation for their meals, snacks and identification cards.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Signature of Coach/School Administrator

Name of School: \_\_\_\_\_

Address: \_\_\_\_\_ Contact Number: \_\_\_\_\_

You may text or call THE ADVISER/BTC President at 0917-718-1655 or 09503518432 or e-mail to [xmauresal2014@gmail.com](mailto:xmauresal2014@gmail.com) or [drexlieobiena@gmail.com](mailto:drexlieobiena@gmail.com) by sending the Names of Participants and Coach/es, Name of School, Address, and the Coach/es contact Number/s. Replying through text messaging is still subjected to the confirmation with your returned reply slip or email.



# BUKIDNON STATE UNIVERSITY

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## MATHEMATICS DEPARTMENT BRAIN TEASERS CLUB

### 1<sup>ST</sup> SEARCH FOR BUKIDNON SENIOR HIGH MATH WIZ

#### Mechanics:

- The contest is open to all grade 11 and 12 students of the Province of Bukidnon.
- A maximum of five (5) contestants from each elementary school, public or private, will be allowed to join the contest.
- A registration fee of two hundred fifty pesos (P250.00) will be collected from each participant and coach. This registration covers 1 meal, 1 snack, a souvenir item, and other expenses of the contest, such as, certificates, trophies, medals, etc. The transportation expenses will be shouldered by the participant/coach/center. The increase of the registration fee is due to the inclusion of the souvenir item and the winners' cash prizes.
- The competition shall be composed of two (2) rounds: the Elimination Round, which is a written exam, and the Final Round, which is an oral examination.
- During the Elimination Round, all contestants will take the written exam, which is good for one hour and thirty minutes. This round will serve as the basis in identifying the top fifteen pupils to qualify for the final round.
- In case of tie in the fifteenth position, tie breaking questions will be given orally to these contestants. The first contestant who can answer the question will be the fifteenth finalist. In cases where many contestants are vying for the last two or more positions, such as, but not limited to 13<sup>th</sup>, 14<sup>th</sup>, and 15<sup>th</sup> positions, the place holders will be identified through tie breaking questions. The first contestant who can answer a question correctly will hold the higher position; the next one will hold the other position, and so on.
- In the final round, there will be three sets of questions to be given. These are categorized as easy, moderately difficult and difficult questions. The number of points and the corresponding time limits are shown below:

Question Category	Number of Items	Equivalent Points	Time Limit
Easy	10	5	10 seconds
Moderately Difficult	10	10	30 seconds
Difficult	5	15	60 seconds

- Each contestant will be furnished with an illustration board, chalk, eraser and scratch paper for the final round.
- The quizmaster in the final round will read each question twice and at the same time that the question will be projected on a screen. The contestants may begin taking notes of the given information during the first reading of the question. The final answer should be written on the illustration board which will be raised by the contestants after the timekeeper rings the bell for the time and shall be kept raised until the quizmaster recognizes the answer.
- In case/s of a tie/s in the first three highest positions, tie breaking questions will be given to the respective finalists. Tie breaking questions is equivalent to 1 point each and is limited up to fifty (50) seconds. The first contestant that can answer the question will be deemed winner of the position.
- The topics to be included in the competition are from all the lessons in junior high school and some topics in senior high, specifically, functions, business math, logic, probability and statistics.
- Only the contestants and their registered coaches can ask questions or clarification with regards to contest proceedings, questions, answers, and scores of the contestants. Only member of the board of judges or when requested by the Board of Judges shall respond to the questions or provide qualifications. The decision of the board of judges shall be final.
- Any issues pertaining to the contest questions asked in a particular round shall be addressed by the Board of judges before the next round begins. All clarification regarding Round 3 will be addressed before the declaration of winners.
- Each of the fifteen finalists will receive a medal and the 3 winners (first, second and third placer) will receive a cash prize and a trophy.

#### REPLY SLIP

Please check/fill in the blanks:

We will send contestants for the search

\_\_\_\_\_ Number of contestant/s to be sent

We are sorry, we cannot send any contestant for the search

**Name of Contestants and Coach/es :** (Please write in PRINT). This is necessary so that we can make the necessary preparation for their meals, snacks and identification cards.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Signature of Coach/School Administrator

Name of School: \_\_\_\_\_

Address: \_\_\_\_\_ Contact Number: \_\_\_\_\_

You may text or call **THE ADVISER/BTC President** at 0917-718-1655 or 09503518432 or e-mail to [almaureal2014@gmail.com](mailto:almaureal2014@gmail.com) or [drexieobiena@gmail.com](mailto:drexieobiena@gmail.com) by sending the Names of Participants and Coach/es, Name of School, Address, and the Coach/es contact Number/s. Replying through text messaging is still subjected to the confirmation with your returned reply slip or email.



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**BUKIDNON STATE UNIVERSITY**

**MATHEMATICS DEPARTMENT  
BRAIN TEASERS CLUB**

November 23, 2016

**DR. OSCAR B. CABAÑEZ**  
University President  
Bukidnon State University  
Malaybalay City, Bukidnon

Sir:

One of the annual activities of the Mathematics Department and the Brain Teasers Club is the Mathematics Week Celebration with the theme: "Mathematics in the Modern World: Empowering Mathematics Learners", which is to be held on *February 6-10, 2017*. The celebration will highlight the different activities such as the *6th Search for Bukidnon Young Math Wizard, 25th Search for Bukidnon Junior Mathematician, 14th Search for BukSU Math Wizard, 1st Search for Senior High Math Wiz, MATHS Bingo Socials* and various Mathematical Games and Puzzles.

In this connection, we would like to ask permission from your good office that we will be allowed to use the *University Auditorium (February 6-10) and Covered Court (February 6 and 10)* as our venue for the weeklong celebration and we may also be provided with a *sound system* for the different programs and activities. Furthermore, we may also ask that the BSE Math and BS Math students who will be participating in the different events will be excused from their respective classes.

Attached hereunto is the list of activities for the said celebration.

Thank you very much for your continued support to the activities of the department and of the organization. God bless and more power.

Very truly yours,

**MR. DREXLER J. OBIENA**  
President, Brain Teasers Club

Noted by:

**MS. ZENY L. MAUREAL**  
Adviser, Brain Teasers Club

**DR. TERESA L. TACOBO**  
Chair, Mathematics Department

Recommending Approval:

**DR. HAZEL JEAN M. AREJUELA**  
Dean, College of Arts and Sciences

**MR. CEZAR G. JAMERO**  
ADV Supervisor, PPMU

**DR. LALEVIE C. LUBOS**  
Dean, Office of Student Services

**DR. ESTELA C. ITAAS**  
Vice President for Academic Affairs

Approved:

**DR. OSCAR B. CABAÑEZ**  
University President

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**Vision**

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**Mission**

To develop competitive professionals who are committed to build a sustainable life for all through quality instruction, research, extension and production.

**Brain Teasers Club Officers**

S.Y. 2016-2017

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President

**MR. EDMAR SALDUA**  
Vice President

**MS. JEZEL R. SARMIENTO**  
Secretary

**MS. MARIA LOURDES C. ALFANTA**  
Associate Secretary

**MS. ANGIE JANICE L. PILVERA**  
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**MS. JENNY PEARL A. MENDIZABAL**  
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**MR. KEEN ANDRE S. BONCALES**  
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Social Manager

**MS. CATHERIN C. JANOLINO**  
Associate Social Manager

**Representatives:**

**MR. HAROLD JAY GAMIL**  
1<sup>st</sup> Year BSE- Math

**MR. YONIEL ALMERIDA**  
2<sup>nd</sup> Year BSE-Math

**MR. JOHN CHRISTIAN E. ABUSO**  
3<sup>rd</sup> Year BSE-Math

**MR. JEFFREY D. ABROGAR**  
4<sup>th</sup> Year BSE-Math

**MS. IRISH S. TROPICO**  
2<sup>nd</sup> Year BS-Math

**MR. LESTER DAVE S. SUMALA**  
3<sup>rd</sup> Year BS-Math

**MR. LERSON T. LINGAYON**  
4<sup>th</sup> Year BS-Math

**Adviser:**

**MS. ZENY L. MAUREAL**

ok = book / 11/28/2016  
AB