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DIVISION MEMORANDUM
No. 076, s. 2022

VIRTUAL DIVISION MATH FESTIVAL 2022

To : OIC - Assistant Schools Division Superintendent
Chief, School Governance and Operations Division
Chief, Curriculum Implementation Division
All School Heads

1. In line with the Division Action Plan in Mathematics, this office through the Curriculum Implementation Division announces the conduct of **VIRTUAL DIVISION MATH FESTIVAL 2022** with the theme **“Making Mathematics Engaging in the New Normal”** to be held virtually which will run from March 21-April 1, 2022.

2. This activity aims to

- give students the opportunity to learn and enjoy math activities
- widen their horizon and enrich their knowledge and experiences that have been gained from the messenger and online classes.
- help awaken greater interest and provide students the opportunities in cooperative and leadership undertaking
- foster camaraderie among learners and teachers in the Division.

3. Participants to this activity are grades 1 to 12 students of public elementary and secondary schools of SDO Binan City. Participation of selected teachers for the teachers' edition are also expected. The virtual culminating activity will be on April 1, 2022, at 1:00 pm.

4. The contest categories for this activity and dates of events are as follows:

CATEGORY	CONTESTANTS	DATE OF CONTEST
TESSELATION ART MAKING CONTEST	GRADES 1 AND 2	March 22, 2022
POSTER MAKING CONTEST	GRADES 3 AND 4	March 25, 2022
MATH CHALLENGE (QUIZ BEE)	GRADES 5 and 6 Grades 7 and 9 Grade 8 and 10	March 28, 2022 March 29, 2022 March 30, 2022
MATH JINGLE -RAP CONTEST (Students Category)	JUNIOR AND SHS	Submission of entry March 28, 2022
MATH JINGLE CONTEST (Teachers Category)	Teachers from elementary and secondary	Submission of entry March 28, 2022



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5. Enclose here is the mechanics of the contest, facilitators for each category and their contact numbers for more inquiries.
6. Immediate and widest dissemination of this Memorandum is desired.



EDNA FAURA-AGUSTIN
Schools Division Superintendent

Encl: As stated Mechanics of the Contest (by category)
Reference:

CID/PROPER / DM-Virtual Division Math Festival 2022
982 / 03/15/2022



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Republic of the Philippines
Department of Education
REGION IV-A CALABARZON
CITY SCHOOLS DIVISION OF BIÑAN CITY

MECHANICS OF THE CONTESTS

1. TESSELATION ART MAKING CONTEST

This contest aims to

1. define and identify tessellations
2. differentiate between a pattern and a tessellation

Facilitators : Marian M. Bagtas - Zapote ES -
Renan dela Cruz - Mamplasan ES -

09226782411
09684935293

Participants: Grade 1 or Grade 2 pupil

MECHANICS:

1. Only 1 participant per school will be allowed to join. The contestant must be a grade 1 or grade 2 pupil of the school he or she represents
2. Contestants must have their own materials.
3. Materials are 1/8 illustration board, ruler and protractor, pair of scissors, cardboard, bond paper, pencil, pentel pen and markers, any coloring materials, and glue
4. The TESSELLATION ART MAKING is a virtual contest. This will take place for 2 hours through google meet and it will be recorded by the assign facilitators. Links for dry run and actual (google meet) will be given to Mathematics Elementary School Coordinators 1 day before official contest. Registration link will be sent by the facilitators.
5. Criteria for Judging: Technique -20%, Placement -20%, Design- 20% , effort - 20%, Craftsmanship – 20%. A total of 100%
6. The contest facilitators will show the pupils an art sample that uses tessellations. He or she will ask them to identify tessellations and different shapes, patterns and symmetry. Then pupils will be asked to follow and accomplish the following:
 - a. Think of any object that has tessellation patterns
 - b. Draw and cut each of these patterns (Note: Disqualification on a ready used pattern)
 - c. Trace these patterns on the entire 1/8 illustration board
 - d. Color the patterns and give emphasis on the object of your choice
 - e. Write on a short bond paper a brief description of the object manifested in your creation and stick it at the back of the illustration board
7. Top four (4) participants who will earn highest scores will be declared as 4th, 3rd, 2nd and 1st place winners.



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2. POSTER MAKING CONTEST

Facilitators : Paulo G. Isabelo – Ganado ES - 09057034228

Jett Heinrich G. Hernandez- San Francisco ES -0963253345

Participants: Grade 3 or Grade 4 pupil

MECHANICS

1. Only 1 participant per school will be allowed to join. The contestant must be a grade 3 or grade 2 pupil of the school he or she represents
2. Contestants must have their own materials.
3. Materials are $\frac{1}{4}$ illustration board, any coloring materials, pen and pencil
4. Participants may register to the link that will be given by the facilitators three day before the contest date.
5. Participants should join the google meet 30 minutes before the contest. Link will be sent through the Math Coordinators of the school
6. Contest will be recorded
7. Once the contest starts no one is allowed to leave. Once logged out, the contestant will give valid reason before he/she allows to join
8. Theme will be given as the contest starts
9. The contest will take one hour (60 min)
10. You will be given 2 min video to explain the artwork
11. A link for the share drive will be sent 5 min before end of allotted time
12. Three (3) Judges will virtually rate the contestants
13. Criteria for judging : Relevance to the theme 30% , Artistry and Creativity = 30%, Visual impact 25% Interpretation -15%, a total of 100%
- 14.. Three highest points will be declared winner for first, second and third places

3. MATH CHALLENGE (INDIVIDUAL QUIZ BEE)

This contest aims to

1. Challenge students to strive for mathematical excellence
2. Promote greater interest and appreciation in the field of Mathematics
3. Identify and recognize students who exhibit exemplary performance in quiz competition

CONTESTANTS	FACILITATORS	CONTACT NUMBER
Grade 5	Jimelyn E. Olicia -SV5ES	96849355297
	Annalyn M. Flores - OLLES	9064409158
Grade 6	Leoniza L. Bernas - BES	09216815682
	Arlene L. Villanueva PES	9162856793
Grade 7	Laarni O. Tolentino -NINHS	09396449942
Grade 8	Delio E. Escaño JZGMNHS	09396136024
Grade 9	Perfecto G. Gragas III JZGMNHS	09275941094
Grade 10	Albert D. Escuvania	09184301283

Participants : One for each Grade Level 5-10 on each school

MECHANICS

1. Only 1 participant per school will be allowed to join for Grades 5-10.
2. Official participants are required to register through google form. The link will be provided by the contest facilitators 5 days before the contest to all Math coordinators and coaches.
3. The coverage of the quiz is 1st and 2nd quarter competencies of each level,



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4. Each participant is required to have a marker and 25 sheets of bond paper to write their final answer every item.
5. There shall be 25 questions. 10 for easy round with equivalent 1 point for every correct answer; average round, 10 questions with equivalent of 3 points for each correct answer, and difficult rounds 5 questions with 5 points for each correct answer.
6. In each question time limit will be mentioned by the quizmaster. In Mathematics questions, you may start solving as you wish after the first reading.
7. The quizmaster will read each question twice, after which he gives the Go signal. The timer starts when the quizmaster gives the go signal. As soon as the buzzer rings, everybody must stop writing.
8. Each final answer will be written on the blank bond paper legibly. As soon as the buzzer rings, everybody must stop writing. Wait for the quizmaster to say **UP**, then face the answer to your camera. Wrong spelling wrong.
9. The quizmaster will announce the correct answer. The proctors to each assigned school will read the participants answer. The tabulator records the points obtained by each participant for each correct answer.
10. Answer must be given indicating unit of measurement if necessary. However, if the unit of measurement is already given in the question, it needs not given in the answer.
11. Participants will be ranked according to their total scores in the three parts to determine the winner.
12. In case of a tie, another question will be given to break the tie, one from each category of question
13. For any clarifications, the contestants may consult the judges while the contest is on-going by raising their hands using the raise hand icon on the screen. Corrections or clarifications after the contest will not be entertained.
14. The judges' decision is final.

4. MATH JINGLE -RAP CONTEST (Students Category)

Facilitator : Leonides D.Nadela Dr. Jose Tamayo MES 9272187483

Participants: secondary high school student (4 members)

MECHANICS:

1. This competition is open to all bonafide secondary students of SDO Binan City.
2. Each entry may be composed of 1 to 3 members.
3. The content and melody of the jingle-rap must be originally composed. It must be lively, appealing, creative and bear the theme of Mathematics Festival **“Making Mathematics Engaging in the New Normal”**.
4. The lyrics may be in English, Filipino or a combination of both. The use of indecent, offensive and rude words are strictly prohibited.
5. The duration of the jingle-rap entry must **NOT** exceed 3 minutes including the intro and extro.
6. Any musical instrument may be used as accompaniment at the composer's discretion.
7. Entries must be in mp4 format (video) together with the copy of the lyrics in PDF to be submitted via link that will be sent by contest facilitator 3 days



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before the contest date. Please follow the file format for the video entry
SCHOOL NAME-MATH JINGLE RAP-mp4 and for the lyrics SCHOOL NAME-
LYRICS-PDF

8. Submission of entry is on or before _____.
9. The following criteria shall be used for judging: Relevance to the Theme – 30%, Originality 30%, Musicality – 20%, Choreography – 10% and Over-all Impact – 10% with the total of 100%
10. Decision of the board of judges is final and irrevocable
11. There shall be three (3) winners: 2nd runner-up, 1st runner-up, and champion who will receive certificates of recognition and cash prize. Non-winning participants will receive certificate of participation

NOTE: Winning entries will be shown during the Mathematics Culminating Activity and will be posted in the official FB page group.

5. MATH JINGLE CONTEST (Teachers Category)

Facilitator: Jonard B. Castillo - BINHS 9084167639

Participants: teachers from elementary of secondary public schools

MECHANICS:

1. Each school must have its own representative-teacher from elementary and secondary schools
2. The composition of the group shall have a minimum of 4 member and a maximum of six (6) members
3. The Jingle must center on the Theme: Making Mathematics Engaging in the New Normal'
4. The Jingle-math lyrics may be in English or Filipino or combination of the two.
5. You may create your own sound or may use Tik-tok music as your soundtrack
6. Performance is given a time limit of 3 to 5 minutes. A point shall be deducted for every exceeding minute
7. The following criteria shall be used for judging: Relevance to the Theme – 30%, Originality 30%, Musicality – 20%, Choreography – 10% and Over-all Impact – 10% with the total of 100%
8. Decision of the board of judges is final and irrevocable.
9. There shall be three (3) winners: 2nd runner-up, 1st runner-up, and champion who will receive certificates of recognition and cash prize. Non-winning participants will receive certificate of participation



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