



Republic of the Philippines
Department of Education
REGION VI – WESTERN VISAYAS
SCHOOLS DIVISION OF AKLAN

March 26, 2025

DIVISION MEMORANDUM

No. 164, s. 2025

**2025 DIVISION FESTIVAL OF TALENTS
(STEMazing – NumbeRace)**

To: OIC, Office of the Assistant Schools Division Superintendent
Chief Education Supervisors
Education Program Supervisors
Public Schools District Supervisors/PIDs/HTID
Heads of Public Elementary, Secondary and Integrated Schools
All Others Concerned

1. This Office, through the Curriculum Implementation Division (CID) will conduct the 2025 Division Festival of Talents (STEMazing-NumbeRace) on March 27-28, 2025. Opening Program will be held at Teodosio Sports and Cultural Center, Poblacion, Banga, Aklan. Right after the opening program, working committees, checkpoint marshals, station masters, coaches and student contestants shall proceed to Kalibo Pilot Elementary School, Kalibo, Aklan for the contest proper.
2. Two (2) learners per team is allowed per district (choose participant from Key Stage 2; only one per learner per grade level is allowed, e. g. the team is composed of 1 Grade 4 and 1 Grade 5 learner). Contestants must bring Basic CASIO calculator (e. g. mx- 12b). Measuring tools (ruler, tape measure, protractor, etc), and writing materials.
3. Attached are the Enclosure Nos. 1, 2, and 3, the list of committees/persons involved during the conduct of the activity, the regional memorandum for 2025 RFOT and the mechanics for the 2025 DFOT (STEMazing-NumbeRace), respectively.
4. There shall be NO registration fee. Travelling expenses of participants maybe charged to local/MOOE funds, subject to its availability and to the usual accounting and auditing rules and regulations.



Poblacion, Numancia, Aklan
Tel. No. (036) 265-3744; 265-3737; 265-3738 (Trunkline)
Website: <http://www.depedaklan.org>
Email Address: aklan.1958@deped.gov.ph

5. It is understood that in the conduct of this activity, there shall be no discrimination on account of age, school, gender, civil status, disability, religion, or other similar factors/personal circumstances that run counter to the principles of equal opportunity.
6. Immediate dissemination of the Memorandum is desired.


FELICIANO C. BUENAFE, JR. CESO VI
Schools Division Superintendent

ETB/

Inclosures: 1,2 & 3

Reference: Regional Memorandum No. 265 s. 2025

To be indicated in the Perpetual Index under the following subjects:

Contest Learners Numeracy Teachers



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A. Number Race Committees

Dr. EDELYN T. BIRAY

Contest Director

Contest Managers

Dr. ABE JOY S. ISARAN

Mr. LHORENCE N. REYES

Station Managers

Dr. Edselyn T. Biray
Dr. Abe Joy S. Isaran
Mr. Lhorence N. Reyes
Ma. Visitacion N. Macavinta
Kim Bery A. Tumbagahan
Dr. Sherwin P. Batilantes
Antonette G. Ferrer
Riza N. Cahilig
Mary Karen Nobleza
Churchill C. Gumboc
Nieva Edna G. Gelito
Randy P. Gubaton
Lorlyn S. Almero
Ligaya A. Vicente
Karen A. Literal
Judy T. Valderas
Cysie S. Rebutala
Christy Z. Zamora
Vivina T. Dela Torre
Junry C. Timbas
Buenafe R. Casugbu

Checkpoint Marshals

Lucille F. Macavinta
Riomar B. Tambong
Wayne Rose H. Sugcang
Marianne D. Gonzales
May Ann I. Dela Cruz
Christine D. Ingalla
Pamela E. Oquendo
Daisy D. Dela Cruz
Shiela Mae G. Beltran
Cheryfil I. Perez

Program

Dr. Edselyn T. Biray
Villa Rose G. Delfin

Foods & Refreshment

Mary Jane I. Openiano
Melrena V. Rebase
Juliet A. Guadalupe
Jay Ann M. Francsico
Mila P. Perucho

Tarpaulin/Tshirt

Junry C. Timbas

Tabulators

Dr. Sherwin P. Batilantes
Ma. Visitacion N. Macavinta
Villa Rose G. Delfin
Joyce L. Villaruel
Wayne Rose H. Sugcang
Antonette G. Ferrer

Stage/Venue Arrangement/

Station Markers

Antonette G. Ferrer
Judito R. Belarmino
John Ryan Ignacio
Marivic Botilo
Psyche Janine Zubiaga
Danilo Arsula
Joven Andrade

Transportation

Cysie S. Rebutala
Christine D. Ingalla

Documentation/Attendance

Lorlyn S. Almero
Sylvia N. Quinisio
Shiela May G. Beltran
Aylen M. Estrella

Certificates/Awards/Medals

Judy T. Valderas
Eden I. Ureta
Allen D. Cawaling





Republic of the Philippines
Department of Education
 REGION VI-WESTERN VISAYAS

MAR 19 2025

REGIONAL MEMORANDUM

No. 265, s. 2025

2025 REGIONAL FESTIVAL OF TALENTS (RFOT)

To: Schools Division Superintendents
 All Others Concerned

1. This Office, through the Curriculum and Learning Management Division (CLMD), will conduct the 2025 Regional Festival of Talents (RFOT). The specific dates and venue shall be announced in a separate Memorandum.
2. The 2025 RFOT serves as a clear and proactive reinforcement of the teaching and learning process, reflecting the significant association between what the learners learned in schools and what they will perform and produce during this activity. This is aligned with the Department efforts to produce functionally literate and holistically developed Filipinos. The RFOT events are anchored on the essential learning competencies and standards of the K to 12 Curriculum.
3. The participants in the 2025 RFOT are learners from public and private elementary and secondary schools who will showcase their talents and skills. Participation in the 2025 RFOT is **voluntary** and shall not affect the time-on-task of teachers.
4. The Division Festival of Talents Focal Persons are the only authorized personnel to upload the list of official participants to the 2025 RFOT link: <https://bit.ly/41OqnNH> on or before March 25, 2025 with the exact number of delegations per SDO.
5. There shall only be one Travel Order per SDO duly approved by the Schools Division Superintendents (SDSs). In case of replacement of the participants, an official endorsement duly signed by the SDSs should be submitted a week before the contest.
6. All learner-participants are advised to secure a parents'/ guardians' consent (see Enclosure 1), materials, ingredients, and other things needed for the assigned contest category stated on the contextualized contest guidelines.
7. The participants should be given recognition by the schools in accordance with the applicable DepEd policy on awards and assessment and should be given consideration to catch-up for the projects, assignments, quizzes, and other requirements they missed.
8. To ensure the safety, health, and well-being of the RFOT participants, observance of minimum health protocols shall be implemented within the activity premises. The learner-participants and teacher-coaches shall secure a Medical Certificate to be submitted to the Management Committee.
9. The DO 53, s. 2003 titled Updated Guidelines on Grant of Vacation Service Credits. The Technical Working Group shall be provided with Compensatory Time Off (CTO) for the services rendered during weekends and holidays as per Civil Service Commission (CSC) and Department of Budget and Management (DBM Joint Circular No. 2, s. 2004 on Non-Monetary Remuneration for Overtime Service Rendered will be availed by the participants.



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OFFICIAL SEAL
 2025



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11. There shall be **no registration** fee for the 2025 RFOT. The participants' board and lodging, travel expenses, per diem, and cost of the materials, tools, equipment, and other paraphernalia needed in the skills showcasing and performances shall be charged to the respective local funds or other eligible fund sources. However, traveling and incidental expenses of RTWG members from the Regional Office, food of the judges, certificates, and other eligible expenses shall be charged against the Program Support Funds (PSF) downloaded to the region and 2025 BEC Funds, while those of the Division Personnel shall be charged to their respective local funds/MOOE or other applicable sources of funds, all are subject to the usual government and auditing rules and regulations.
12. The 2025 RFOT contextualized contest guidelines, logo, activity matrix with contest venues, and Working Committees with Terms of Reference shall be announced in a separate Memorandum.
13. For more information, contact the Curriculum and Learning Management Division through Dr. Athea V. Landar, EPS in-charge of MAPEH, Curriculum and Learning Management Division, DepEd Region VI-Western Visayas, Duran Street, Iloilo City or through email address region6.clmd@deped.gov.ph.
14. Immediate dissemination of and compliance with this Memorandum are desired.


RAMIR B. UYTICO EdD, CESO III
Regional Director

Encl.: None

Reference: DepEd Order (Nos. 021, s. 2019 and 53, s. 2003)

DepEd Memorandum (Nos. 023, s. 2023 and 019, s. 2024)

To be indicated in the Perpetual Index
under the following subjects:

AWARDS
CELEBRATIONS AND FESTIVALS
CONTESTS
CURRICULUM
PROGRAMS
RECOGNITION

AVI./CLMD-RM- 2025 Regional Festival of Talents (RFOT)
074/March 14, 2025



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Certificate No. PHP QMS
24 93 0184



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REGION VI-WESTERN VISAYAS

2025 REGIONAL FESTIVAL OF TALENTS

STEMazing
(A Showcase of Science, Technological, and
Mathematical Outputs)

NumbeRace

COMPONENT AREA	MATHEMATICS AND PROBLEM SOLVING
KEY STAGE	Key Stage Two (2): Grades 4 to 6
EVENT TITLE	NumbeRace
NO. OF PARTICIPANT/S	2 learners per team (choose participants from Key Stage 2; <i>only one learner per grade level is allowed, e.g. the team is composed of 1 Grade 4 and 1 Grade 6 learner</i>)
TIME ALLOTMENT	2.5 hours total Navigation round: 1.25 hours Final round: 1.25 hours
PERFORMANCE STANDARD	The learners: <ul style="list-style-type: none">• demonstrate proficiency in applying mathematical concepts to solve authentic real-world challenges;• exhibit analytical and strategic thinking skills in approaching complex mathematical problems;• manifest effective communication and collaborative skills in mathematical discourse and team problem-solving; and• show mastery in integrating concepts across various mathematical domains (Number & Number Sense, Measurement and Geometry, Data and Probability) in practical applications
21ST CENTURY SKILL/S	Critical Thinking and Problem Solving Collaboration and Communication Digital Literacy
CREATIVE INDUSTRIES DOMAIN	<ul style="list-style-type: none">▪ Digital Interactive Media Domain (through educational gaming and interactive mathematical applications)▪ Creative Services Domain (through creative research and development, cultural and recreational services)▪ Design Domain (through the creation of solutions that address mathematical and spatial problems)▪ Audiovisual Media Domain (through educational content development)
DESCRIPTION	NumbeRace is a two-phase mathematical adventure competition designed for Grades 4-6 learners that combines physical exploration, mathematical investigation, and problem-solving in real-world contexts.



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TECHNICAL SPECIFICATIONS		
A. MATERIALS, TOOLS AND EQUIPMENT	To be provided by the participants: <ul style="list-style-type: none">• Basic CASIO calculator (e.g., mx-12b)• Measuring tools (ruler, tape measure, protractor, etc.)• Writing materials• Digital device for QR• Safety equipment (as specified in orientation)codes (if allowed by organizers)	To be provided by the event organizers: <ul style="list-style-type: none">• Team identification badges• Station markers and QR code printouts• Scoring sheets and evaluation forms• Investigation tools and materials• Data collection forms• Emergency and first aid equipment• Digital tracking system
B. VENUE	School grounds or designated competition area with: <ul style="list-style-type: none">• Multiple checkpoint stations• Investigation areas• Presentation space• Rest areas and first aid stations• Emergency assembly points	
CRITERIA FOR JUDGING	Accuracy (60%) and speed (40%)	

EVENT RULES AND MECHANICS

A. Pre-Competition Requirements

1. Teams must complete registration two (2) weeks before the event
Registration Process

- Submission of Division Team Registration Forms including the following:
 - Name of Schools Division Office
 - Name of Division Mathematics Supervisor
 - Name of Coach
- Team Composition Details:
 - Official team name representing the division
 - Two members for each team composed of one for any of the grade levels (Grades 4-6)
 - Certified true copy of school records proving grade levels
 - Team coach's/adviser's information with designation
- Division Endorsement Requirements:
 - Endorsement letter from Schools Division Superintendent
 - Division screening competition results
 - Proof of winning at division level

2. Two-hour mandatory orientation session 1 day before the competition proper covering:



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- Competition mechanics
 - Safety protocols
 - Equipment usage
 - Scoring system
 - Emergency procedure
 - Practice activities on Q&A portion
 - Equipment familiarization
3. Practice Session (1 Day Before the competition proper)
- Mini challenges
 - Equipment testing
 - Route familiarization
 - Team strategy development
4. Equipment and Documentation Verification
- Pre-Event Documentation Checklist:
 - Team Registration Form
 - Individual Participant Forms
 - Medical Certificates
 - Consent Forms
 - Equipment Checklist
 - Equipment Inspection:
 - Basic calculator
 - Measuring tools
 - Writing materials
 - Digital devices (if allowed)
 - Safety equipment

B. Competition Structure

1. *Navigation Round*

(This may be done in batches if the space is limited.)

- Individuals and teams navigate through multiple stations, each accompanied by one proctor, throughout the stations to check the accuracy of their answers and the speed of getting the correct answer.
- Solve challenges at each station:
 - Station 1: Individual Challenge
 - Station 2: Individual Challenge
 - Stations 3 to 5: Team Challenges
- For stations 1 and 2, representatives may ask to be replaced by the other team member when they cannot answer the individual challenge assigned to them. There will be an additional 30-second penalty for the replacement.
- The *Checkpoint Marshalls* at each station will validate the team's answer. If the answer is incorrect, the teams are allowed to retry until the maximum number of attempts is consumed.
- The maximum time allotted to complete the challenges in the navigation round is 75 minutes.

2. *Final Round*

(This may be done in batches if the space is limited.)



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- Teams will go through team challenges from Stations 6 to 10. There will be no individual challenges in the final round.
- The maximum time allotted to complete the challenges in the final round is 75 minutes.
Challenges include:
- Application of mathematical concepts and analysis of real-world data,
- Developing mathematical solutions and solving problems, and
- Presenting solutions and findings.

At the end of the competition, the group with the highest cumulative score will be declared the overall champion. In case of a tie, a tie-breaker question will be given.

C. Safety and Compliance

L General Safety Protocols

- Teams must stay within designated safe zones
- Mandatory use of specified safety equipment
- Access to water stations and rest areas
- Compliance with station-specific safety guidelines

General Safety Protocols

1. Teams must stay within designated safe zones.
2. Mandatory use of specified safety equipment is required.
3. Access to water stations and rest areas must be ensured.
4. Compliance with station-specific safety guidelines is mandatory.

Supervision and Support

- Station Masters present at each checkpoint
- Medical team on standby throughout the competition
- Safety Officer overseeing all activities
- Technical support team for digital components

Supervision and Support

- Station Masters must be present at each checkpoint.
- Medical team must be on standby throughout the competition.
- Safety Officer must oversee all activities.
- Technical support team must be available for digital components.

Emergency Response Procedures

- Medical emergency response protocol
- Weather emergency contingency plans
- Technical failure backup systems
- Lost team search and recovery procedure

Incident Management

- Immediate reporting to the Safety Officer
- Documentation through incident report forms



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- Implementation of appropriate response measures
- Post-incident analysis and documentation

D. Scoring and Awards

Scoring System Implementation

- Digital real-time scoring through station verification
- Individual judge scoring followed by panel consensus
- Final verification by Head Judge and Technical Committee

Award Categories

- Main Awards:
 - Overall Champion (Medals + Certificates)
 - First Runner-up (Medals + Certificates)
 - Second Runner-up (Medals + Certificates)
- Special Awards:
 - Best Navigation Team
 - Outstanding Investigation
 - Excellence in Calculation
 - Innovation Award
 - Team Spirit Award
- Recognition:
 - Certificates of participation for all competing students
 - Certificates of appreciation for all coaches

E. Documentation Requirements

1. Team registration forms
2. Medical and consent forms
3. Competition worksheets
4. Final presentation materials



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SCORING GUIDE: Stations 1 to 9

ACCURACY (60%)		SPEED (40%)		
Obtained the correct answer in 1 trial	60	<i>The score will depend on the rank of the participants/ team based on the time of submission of correct answers.</i>	Submitted the correct answer in the shortest time	40
Obtained the correct answer in 2 trials	57		38	
Obtained the correct answer in 3 trials	54		36	
Obtained the correct answer in 4 trials	51		34	
Obtained the correct answer in 5 trials	48		32	
Obtained the correct answer in 6 trials	45		30	
Obtained the correct answer in 7 trials	42		28	
Obtained the correct answer in 8 trials	39		26	
Obtained the correct answer in 9 trials	36		24	
Obtained the correct answer in 10 trials	33		22	
		20		
		18		
		16		
		14		
		12		
		10		
		8		
		6		
		4		
		2		
		1		
Unable to obtain the correct answer in 10 trials		0		



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PRESENTATION RUBRIC: Station 10

	<i>Excellent (9-10 points)</i>	<i>Good (6-8 points)</i>	<i>Fair (3-5 points)</i>	<i>Needs Improvement (0-2 points)</i>	Score
Delivery (30%)	Holds the attention of the entire audience with the use of direct eye contact, seldom looking at notes	Consistent use of direct eye contact with the audience, but still pauses to check notes	Displays minimal eye contact with the audience, while reading mostly from the notes	Holds no eye contact with audience, as the entire report is read from notes	
Content/ Organization (40%)	Demonstrates full knowledge by presenting details with explanations and elaboration Provides clear purpose and statements, examples and facts, and/or statistics or evidences	At ease with presenting details without much elaboration Provides a somewhat clear purpose and statements, examples and facts, and/or statistics or evidences	Uncomfortable with presenting information and is able to present details but without elaboration Provides weak purpose and statements, examples and facts, and/or statistics or evidences	Does not have a grasp of details during the presentation, cannot elaborate the information presented Provides weak or no support of details in their answers; gives insufficient supporting facts or evidences	
Expression and Audience Connection (30%)	Demonstrates strong enthusiasm about topic during entire presentation Raises audience understanding and awareness of the situation	Shows some enthusiastic feelings about topic Raises audience understanding and awareness of most points	Shows little or mixed feelings about the topic being presented Raises audience understanding and knowledge of some points	Shows no interest in the topic presented Fails to provide understanding of knowledge of topic	
TOTAL SCORE and FEEDBACK					



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Special Awards Criteria

A. Best Navigation Team

Awarded to the team that demonstrated the most effective strategic planning and direction.

Criteria:

- **Clear Route Planning / Strategy (30%)** – The team shows a well-thought-out plan.
- **Efficiency in Task Execution (25%)** – Tasks are completed in a timely and organized manner.
- **Role Distribution and Coordination (20%)** – Team members have clear roles and work well together.
- **Adaptability (15%)** – The team adjusts plans smoothly when unexpected challenges arise.
- **Documentation / Use of Tools (10%)** – Effective use of maps, trackers, or logs if applicable.

B. Outstanding Investigation

Awarded to the team that exhibited excellent inquiry and problem-solving skills.

Criteria:

- **Clarity and Focus of the Problem (25%)** – The team clearly identifies and understands the issue.
- **Depth of Research and Data Gathering (25%)** – Evidence of thorough investigation and use of reliable sources.
- **Logical Reasoning and Analysis (20%)** – Investigation is supported by sound reasoning and evidence.
- **Creativity in Finding Solutions (20%)** – Original approaches or insights are presented.
- **Presentation of Findings (10%)** – Conclusions are clearly communicated.

C. Excellence in Calculation

Awarded to the team that showcased exceptional mathematical accuracy and application.

Criteria:

- **Accuracy of Computation (35%)** – Correct answers and solutions are consistently given.
- **Application of Mathematical Concepts (30%)** – Concepts are applied correctly and appropriately.
- **Problem-Solving Strategy (20%)** – Logical and efficient methods are used.
- **Clarity of Work (10%)** – Steps are clearly shown and easy to follow.
- **Time Management (5%)** – Tasks are completed within the time allotted.

D. Innovation Award

Awarded to the team that demonstrated creativity and originality in their solutions or approach.

Criteria:

- **Creativity and Originality (40%)** – Unique ideas or solutions are introduced.
- **Relevance and Impact (25%)** – Innovation addresses the problem effectively.
- **Practicality and Feasibility (15%)** – Solution can realistically be implemented.



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- **Presentation and Communication (10%)** – Idea is clearly and persuasively shared.
- **Use of Resources (10%)** – Materials or tools are used in unique or resourceful ways.

E. Team Spirit Award

Awarded to the team that best demonstrated cooperation, enthusiasm, and support for one another.

Criteria:

- **Collaboration and Cooperation (35%)** – Team members support and listen to one another.
- **Positive Attitude and Respect (25%)** – Team maintains a friendly and respectful atmosphere.
- **Equal Participation (20%)** – All members are actively involved.
- **Encouragement and Motivation (10%)** – Team members uplift one another.
- **Overall Enthusiasm (10%)** – Team shows energy and excitement throughout the activity.



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 SCHOOLS DIVISION OF AKLAN

2025 Division Festival of Talents (DFOT)

Kalibo Pilot Elementary School
 Kalibo, Aklan
 March 27, 2025

STEMazing-NumbeRace








Station	Mechanics	Criteria for Scoring	Time Allotment	In-Charge
<p>1</p> <p>SUDOKU</p> <p>Venue: KPES covered court</p>	<p>1. Each number (1, 2, 3, 4, 5, 6, 7, 8, 9) must appear once in each row of a puzzle. The numbers can be written in any order as long as they appear only once in any row.</p> <p>2. Each number (1, 2, 3, 4, 5, 6, 7, 8, 9) must appear once in each column of a puzzle. The numbers can be written in any order as long as they appear only once in any column.</p>	<p>Speed ----- 40%</p> <p>Accuracy ---- 60%</p>	<p>Maximum of 5 minutes without replacement or 5 minutes & 30 seconds with replacement</p>	<p>MA. VISITACION N. MACAVINTA District of Kalibo 2</p> <p>KIM BERLY A. TUMBAGAHAN District of Tangalan</p>









Station	Mechanics	Criteria for Scoring	Time Allotment	In-Charge
	<ol style="list-style-type: none"> 3. Each number (1, 2, 3, 4, 5, 6, 7, 8, 9) must appear once in each 3 x 3 box (the one with the thick outline) in the puzzle. 4. The numbers in the boxes can also appear in any order if they appear only once in that particular box. So be careful in placing a number in a box. Check if the number is already in the row or column where you placed it. 5. This is an individual event. Only 1 player is allowed to play. Each player is given 5 minutes to do the challenge. If the player cannot complete the challenge, he/she is allowed to be replaced by his/her teammate. Additional 30 seconds will be added to the time to complete the puzzle. The shorter the time to complete the puzzle, the higher the score in "Speed". A player who can complete the puzzle can proceed immediately to the next station. 			
<p style="text-align: center;">2</p> <p style="text-align: center;">TOWER OF HANOI</p> <p>Venue: KPES covered court</p>	<ol style="list-style-type: none"> 1. Move an entire stack of discs from the starting peg to the destination peg, following the Tower of Hanoi rules, within 5 minutes. 2. Materials: 3 pegs (can be physical rods, drawn on a board, or digital simulation) A set of 7 discs (depending on difficulty level) 3. Only one disc can be moved at a time using 1 hand. A larger disc cannot be placed on a smaller disc. Discs must be moved using one of the three pegs as an intermediate step. 	<p>Speed - -----40%</p> <p>Accuracy -----60 %</p>	<p>5 minutes</p>	<p>DR. SHERWIN P. BATILANTES District of Malay</p> <p>ANTONETTE G. FERRER District of Kalibo 1</p>

Station	Mechanics	Criteria for Scoring	Time Allotment	In-Charge
	<p>4. The player starts with all discs stacked on the first peg in descending order (largest at the bottom, smallest at the top). The goal is to transfer all discs using 1 hand to the last peg while following the rules. The timer starts as soon as the player makes the first move. The challenge ends once the player successfully moves all discs to the last peg or when 5 minutes have passed.</p>			
<p>3</p> <p>STEP BY STEP</p> <p>Venue: Maam Antonette's room</p>	<p>The objective of the game is to measure the perimeter of a given shape or area using only the player's foot as a measuring tool. The player is only given 10 minutes to do the task.</p> <ol style="list-style-type: none"> 1. The player will step heel-to-toe around the edge of the shape, counting his/her steps. 2. He/she will multiply his/her step count by his/her actual foot length in cm. 3. He/she then record his/her computed perimeter. 4. The actual perimeter will be measured using a ruler, meter stick or a tape measure. 5. The player's computed measurement then be compared to the actual measure. 6. The player who got the correct answer in the shortest time will get the highest score. 	<p>Speed - -----40%</p> <p>Accuracy -----60 %</p>	<p>10 minutes</p>	<p>RIZA N. CAHILIG District of Madalag</p> <p>SHIELA MAE G. BELTRAN District of Batan</p> <p>NIEVA EDNA G. GELITO District of Ibajay West</p>
<p>4</p> <p>ANGLE HUNT</p> <p>Venue: KPES Grade 6 Fast Learner's Garden</p>	<ol style="list-style-type: none"> 1. Given ten (10) minutes, the team will look for objects in the surroundings (a specified space for exploration) that demonstrate right, acute, and obtuse angles. Players must identify the angles by interacting with objects in their environment. 2. The team is allowed to use a protractor in this station. 3. Each team will be assisted by a Checkpoint Marshall. 	<p>Speed - -----40%</p> <p>Accuracy -----60 %</p>	<p>10 minutes</p>	<p>CHURCHILL C. GUMBOC District of Malay</p> <p>MARY KAREN N. NOBLEZA District of Madalag</p>

Station	Mechanics	Criteria for Scoring	Time Allotment	In-Charge
	<ol style="list-style-type: none"> 4. Checkpoint Marshall shall validate the answers, record the time consumed and the accuracy score of the team. 5. If the team delivered an incorrect response/s, they are allowed to retry up to 10 times to show the correct answer/s. Every time they present a wrong answer, their points in Accuracy will be affected accordingly. 6. Once the team has shown the 3 angles correctly to the Checkpoint Marshall, their consumed time in this event shall be recorded for point assignment in Speed. They will also be given the corresponding score in accuracy according to the number of tries they have made. 			
<p style="text-align: center;">5</p> <p style="text-align: center;">NUMBER NINJA</p> <p>Venue: KPES Covered extension</p>	<ol style="list-style-type: none"> 1. Number sentences are written on the steps. 2. The players must step on the number sentence with the least to greatest answer. 3. If there is any number touched out of sequence, a penalty time is added. (+10 secs) 4. The players may assist their teammates when moving from one step to the next step. 5. The timer begins as soon as the first-person steps in and stops when the last person crosses over the last step. 	Speed - -----40% Accuracy -----60 %	10 minutes	<p>RANDY P. GUBATON District of Ibajay West</p> <p>LORLYN S. ALMERO District of Numancia</p> <p>JULIET A. GUADALUPE District of Balete</p>
<p style="text-align: center;">6</p> <p style="text-align: center;">DIGIT CARDS</p> <p>Venue: KPES covered court</p>	<p>GIVEN NUMBER: <u>8967</u></p> <ol style="list-style-type: none"> 1. Write the smallest 4-digit number: _____. 2. What is the product of the biggest and smallest number: _____. 3. What is the sum of the second and third digit? _____. 4. What is the product of the first and last digit? _____. 	Speed ----- 40% Accuracy ---- 60%	10 minutes	<p>LIGAYA A. VICENTE District of Balete</p> <p>KAREN A. LITERAL District of Nabas</p>

Station	Mechanics	Criteria for Scoring	Time Allotment	In-Charge
	<p>5. Round to the nearest thousand: _____ .</p> <p>6. To what number is it divisible? _____ .</p> <p>Mechanics:</p> <ol style="list-style-type: none"> Two players per team. Each team will be provided with challenge questions. Players will be given a four-digit number as shown above. A minimum of 5 questions will be formulated using the numbers provided. Reflect the time started and the time ended for each team. The team with the most number of correct answers in the shortest time will be declared the winner. 			
<p>7</p> <p>TREASURE HUNT</p> <p>Venue: KPES Science Garden</p>	<p>Title: "The Great Math Adventure"</p> <p>Objective: Students will solve five math problems, each leading to a clue for the next problem. After answering all questions correctly, they receive a final clue to find the hidden treasure.</p> <p>Materials Needed:</p> <ul style="list-style-type: none"> Five math problem cards Clue cards directing students to the next problem A final riddle leading to the treasure A hidden treasure (e.g., small prizes, stickers, certificates) <p>Game Mechanics:</p> <ol style="list-style-type: none"> Start: The team receives the first math problem. 	<p>Speed ----- 40%</p> <p>Accuracy ---- 60%</p> <p>*50 Points for the entire station. Each problem with the correct answer will have 10 points.</p>	<p>15 minutes</p>	<p>JUDY T. VALDERAS District of Tangalan</p> <p>EDEN I. URETA District of Makato</p> <p>CYSIE S. REBUTALA District of Banga</p>

Station	Mechanics	Criteria for Scoring	Time Allotment	In-Charge
	<p>2. Problem Solving: Each correct answer unlocks the next problem's location.</p> <p>3. Final Clue: After solving all five problems, students get a riddle that leads them to the treasure.</p> <p>SAMPLE Math Problems & Clues:</p> <p>Problem 1: Addition & Subtraction</p> <p> Problem: "A school library has 568 books. If 135 books are borrowed and 47 new books are added, how many books are there now?"</p> <p> Solution: $568 - 135 + 47 = 480$ books</p> <p> Clue to Next Problem: "Find me where your pencils take a rest." (The next problem is hidden near the pencil case or supply box.)</p> <p>Problem 2: Multiplication & Division</p> <p> Problem: "A farmer has 72 mangoes. He places them into baskets with 9 mangoes each. How many baskets does he have?"</p> <p> Solution: $72 \div 9 = 8$ baskets</p> <p> Clue to Next Problem: "Check where time never stops ticking." (The next problem is hidden near the classroom clock.)</p> <p>Problem 3: Fractions</p> <p> Problem: "Luis ate $\frac{3}{8}$ of a pizza, and his friend ate $\frac{2}{8}$. What fraction of the pizza is left?"</p>			

Station	Mechanics	Criteria for Scoring	Time Allotment	In-Charge
	<p> Solution: $1 - (3/8 + 2/8) = 3/8$ left</p> <p> Clue to Next Problem: <i>"Look under the place where knowledge is stored in pages." (The next problem is under a bookshelf.)</i></p> <p>Problem 4: Time & Schedules</p> <p> Problem: <i>"Anne started studying at 3:40 PM. She studied for 2 hours and 25 minutes. What time did she finish?"</i></p> <p> Solution: $3:40 \text{ PM} + 2 \text{ hours } 25 \text{ minutes} = \mathbf{6:05 \text{ PM}}$</p> <p> Clue to Next Problem: <i>"Find me where students sit and learn together." (The next problem is taped under a chair or desk.)</i></p> <p>Problem 5: Perimeter & Area</p> <p> Problem: <i>"A rectangular garden is 12 meters long and 8 meters wide. What is its perimeter?"</i></p> <p> Solution: $\text{Perimeter} = 2 \times (12 + 8) = \mathbf{40 \text{ meters}}$</p> <p> Final Clue: <i>"I have numbers but I'm not a phone. I help students solve math problems but I'm not a teacher. Find me where math answers are checked!"</i></p> <p><i>(The treasure is hidden near a calculator or the teacher's desk!)</i></p>			

Station	Mechanics	Criteria for Scoring	Time Allotment	In-Charge
<p style="text-align: center;">8</p> <p>TANGRAMS</p> <p>KPES Covered Court</p>	<p>Tangram Station – Pair Activity</p> <p>Objective: Work in pairs to complete a given tangram puzzle as quickly and accurately as possible within 5 minutes.</p> <p>Materials:</p> <ul style="list-style-type: none"> • Tangram sets (7 geometric pieces per set) • Puzzle patterns (printed or displayed) <p>Rules:</p> <ol style="list-style-type: none"> 1. Each pair receives a tangram set and a puzzle pattern. 2. Players must recreate the given shape (6 sets) using all 7 tangram pieces without overlapping or leaving gaps. 3. Talking is optional—you can either allow discussion or challenge them to communicate non-verbally. 4. The activity ends once the team completes the puzzle or when 5 minutes are up. <p>Mechanics:</p> <ol style="list-style-type: none"> 1. The facilitator distributes tangram sets and puzzle patterns to each pair. 2. The timer starts at the signal of the facilitator. 3. Pairs work together to arrange the tangram pieces to match the given pattern. 4. If a pair finishes before 5 minutes, they raise their hand for checking. 5. The facilitator checks for accuracy before marking them as completed. 6. The activity ends after 5 minutes, and results are shared. 	<p>Speed ----- 40%</p> <p>Accuracy --- 60%</p>	<p>5 minutes</p>	<p>CHRISTY Z. ZAMORA District of Libacao</p> <p>VIVINA T. DELA TORRE District of Malay</p>

Station	Mechanics	Criteria for Scoring	Time Allotment	In-Charge
<p style="text-align: center;">9</p> <p style="text-align: center;">SURVIVAL MATH GAMES</p> <p>Venue: DLRC</p>	<p>Survival Math Race Activity Title: Survive the Calamity - Budget and Strategy Race</p> <p>Objective:</p> <ul style="list-style-type: none"> • Apply basic arithmetic operations (addition, subtraction, multiplication, and division) in real-life situations. • Develop budgeting skills using a fixed amount of Php 1000. • Strategize and make logical decisions for survival during a calamity. <p>Materials:</p> <ul style="list-style-type: none"> • List of grocery items with prices • Php 1000 play money for each team • Pen and paper or a calculator • Timer <p>Mechanics:</p> <ol style="list-style-type: none"> 1. Form Teams <ul style="list-style-type: none"> • Each team must have only 2 members. 2. Set the Scenario <ul style="list-style-type: none"> • Inform the teams that a calamity (e.g., typhoon, earthquake, or flood) has struck, and they have only Php 1000 to buy groceries to survive for two weeks. 3. The Math Challenge <ul style="list-style-type: none"> • Each team will be given a grocery list with different food items and their prices. • They must carefully select items while ensuring they stay within the Php 1000 budget. • They need to consider essential items. 4. Race Against Time <ul style="list-style-type: none"> • Teams have 15 minutes to calculate and finalize their purchases. • They must show their computation for total cost and justify why they chose those items. 5. Evaluation & Scoring: <ul style="list-style-type: none"> • Correct computation (40%) <ul style="list-style-type: none"> – Ensure their total cost does not exceed Php 1000. • Logical selection (30%) <ul style="list-style-type: none"> – Did they choose items essential for survival? • Efficiency (20%) 	<p>Speed ----- 40%</p> <p>Accuracy ---- 60%</p>	<p>10 minutes</p>	<p>JUNRY C. TIMBAS District of Nabas</p> <p>BUENAFE R. CASUGBU District of New Washington</p>

Station	Mechanics	Criteria for Scoring	Time Allotment	In-Charge
	<ul style="list-style-type: none"> – How quickly and accurately did they finish? • Presentation (10%) – Can they explain why their choices are best for survival? <p>6. Winner Declaration</p> <ul style="list-style-type: none"> • The team with the best combination of accurate math, strategic choices, and justification wins the challenge! 			
<p style="text-align: center;">10</p> <p style="text-align: center;">PRESENTATION (Team)</p> <p>Venue: Stage KPES Covered Court</p>	<ol style="list-style-type: none"> 1. The team will be given 3-5 minutes to present and justify their answer in the survival challenge. 2. The Judges will evaluate the presentation based on the reasoning and completeness of the details provided during the presentation. 	<p>Speed ----- 40%</p> <p>Accuracy ---- 60%</p>	<p>5 minutes</p>	<p>DR. EDELYN T. BIRAY Education Program Supervisor</p> <p>Dr. ABE JOY S. ISARAN Kalibo ES, Principal 2</p> <p>SIR LHORENCE N. REYES Toledo NHS, Principal 1</p>