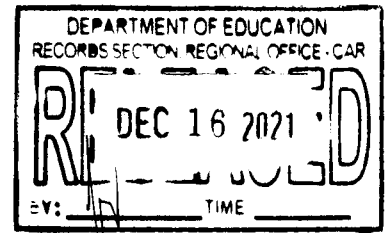




Republic of the Philippines
Department of Education
CORDILLERA ADMINISTRATIVE REGION
Wangal, La Trinidad, Benguet



December 14, 2021

REGIONAL MEMORANDUM
NO. 606.2021

**SEARCH FOR THE BEST INTEGRATION OF FINANCIAL LITERACY
KEY CONCEPTS IN SCIENCE AND MATHEMATICS
THROUGH SELF-LEARNING MODULES**

To: OIC-Assistant Regional Director
All Schools Division Superintendents
All Others Concerned

1. The Department of Education (DepEd), through the Bureau of Curriculum and Development (BCD), in partnership with BDO Foundation Inc. and Huawei Technologies Phils. Inc., will conduct the Search for the Best Integration of Financial Literacy Key Concepts in Science and Mathematics (FLICSM) through Self-Learning Modules (SLMs).
2. The search is an SLM-writing competition for teachers on developing creative and innovative SLMs that best integrate financial literacy concepts in Science and Mathematics. It aims to promote understanding of learners on financial literacy concepts using the SLMs developed by teacher-writers. The integration of financial literacy will enable learners to better understand the importance of life skills such as budgeting, saving, investing, among others, through the connection of learning content and its real-life applications established in the lessons.
3. Anent this, this Office releases these additional guidelines to facilitate the conduct of the search at the regional and division offices.
4. Please see the following enclosures for your references and guidance.
 - a. **Enclosure No. 1:** Additional Guidelines in Conducting the Search at the Regional and Division Offices
 - b. **Enclosure No. 2:** DepEd Memorandum No. 83, s. 2021 (Competition Mechanics)
 - c. **Enclosure No. 3:** Technical Requirements of SLMs (Pages 5 to 8 of DO 1, s. 2021)
5. For queries, please contact the Curriculum and Learning Management Division (CLMD), attention: Asterio C. Madalla, Science EPS or Bryan A. Hidalgo, Mathematics EPS at landline no.: (074) 422 7096 or email address: clmd.depedcar@gmail.com.
6. Immediate dissemination of and strict compliance with this Memorandum is directed.


ESTELA LEON-CARIÑO EDD, CESO III
Director IV/Regional Director

CLMD/RCA/bah



Address: Wangal, La Trinidad, Benguet, 2601
Telephone No.: (074) 422-1318 | Fax: (074) 422-4074
Website: www.depedcar.ph | Email: car@deped.gov.ph



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Republic of the Philippines
Department of Education
CORDILLERA ADMINISTRATIVE REGION
Wangal, La Trinidad, Benguet

Enclosure No. 1 to Regional Memorandum No. 606.2021

**Additional Guidelines in Conducting the Search
at the Regional and Division Offices**

In addition to the guidelines of the competition as stipulated in **DepEd Memorandum No. 83, s. 2021**, the following guidelines shall be adopted to facilitate the submission of entries from the division to the regional level.

1. Each division office shall conduct its own search and endorse, at most, one (1) official entry for each category.
 - a. SLM in Mathematics for Elementary (Grades 4 to 6)
 - b. SLM in Mathematics for Junior High School (Grades 7 to 10)
 - c. SLM in Science for Elementary (Grades 4 to 6)
 - d. SLM in Science for Junior High School (Grades 7 to 10)

2. The dates for the various activities for the competition are as follows.

Date	Activity
November 29, 2021	Call for Division Entries
January 9, 2022	Deadline of Submission of Entries at the Division Level
January 10 - 13, 2022	Judging of Entries at the Division Level
January 14, 2022	Deliberation of Winners at the Division Level
• To be determined by the division office	Awarding of Winners at the Division Level
January 15, 2022	Deadline of Submission of Entries at the Regional Level
January 17 - 26, 2022	Judging of Entries at the Regional Level
January 27 - 28, 2022	Deliberation of Winners at the Regional Level
February 4, 2022	Awarding of Winners at the Regional Level

3. Submission of entries to the regional level is done online. The writer is requested to fill-out the submission form and upload his/her entry and other requirement through this link: <https://tinyurl.com/FLICSM-SF>. Among the documentary requirements to be submitted online are as follows:
 - a. Scanned endorsement from division office (PDF format)
 - b. Notarized Certification (PDF format) – **See Enclosure No. 2 to DM 83, s. 2021**
 - c. Writer's Declaration of Warranties Form with Declaration (PDF format) – **See Enclosure No. 3 to DM 83, s. 2021**
 - d. Bionote of writer (PDF format)
 - e. Checklist of the submitted requirements signed by the learning resource evaluator of the division (PDF format) - **See Enclosure No. 4 to DM 83, s. 2021**
4. At the regional and division levels, winners for each category will receive certificates of recognition and cash prizes depending on the availability of fund and subject to the usual budgeting, procurement, accounting and auditing rules and regulations.
5. The top 2 winners from each category at the regional level shall be endorsed as official entries to the National Level.



Republic of the Philippines
Department of Education
CORDILLERA ADMINISTRATIVE REGION
Wangal, La Trinidad, Benguet

6. To facilitate the judging of entries, the regional and division offices shall form a set of evaluators/ judges. The SLMs shall be evaluated in terms of **content, extent of integration, language, and layout and design**. The region and division offices shall develop their own scoring rubric to evaluate the entries.

7. The judges at the regional level are the following:

Category	Names of Judges	Position
SLMs in Science for Elementary and Junior High School	Asterio C. Madalla	Science EPS, CLMD
	Georgina C. Ducayso	EPS, LRMDS
	Abner W. Alingbas	Accountant II
SLMs in Mathematics for Elementary and Junior High School	Bryan A. Hidalgo	Mathematics EPS, CLMD
	Elizabeth T. Calbayan	TAS, LRMDS
	Erniely D. Godoy	AO V, Finance Division

8. The decision of the panel of evaluators/judges is final and irrevocable.
9. Announcement of winners at the regional level will be done through a virtual awarding ceremony.



Republic of the Philippines
Department of Education

06 DEC 2021

DepEd MEMORANDUM
No. **083**, s. 2021

**SEARCH FOR THE BEST INTEGRATION OF FINANCIAL LITERACY
KEY CONCEPTS IN SCIENCE AND MATHEMATICS
THROUGH SELF-LEARNING MODULES**

To: Undersecretaries
Assistant Secretaries
Minister, Basic, Higher, and Technical Education, BARMM
Bureau and Service Directors
Regional Directors
Schools Division Superintendents
Public and Private Elementary and Secondary School Heads
All Others Concerned

1. The disruption brought about by the COVID-19 pandemic is heavily felt not just in navigating education practices and learning delivery, but more so with the financial capabilities of families as economic instability is taking a toll in most countries. It is imperative that students as well as parents, teachers and administrators, are equipped with knowledge and skills towards financial literacy. The government strongly supports the promotion of financial literacy through the enactment of Republic Act No. 10679 known as the **Youth Entrepreneurship Act**. Furthermore, DepEd Order No. 022, s. 2021 titled Financial Education Policy emphasized that financial education is vital in developing financially literate citizenry, in empowering them to make wise financial decisions, in taking advantage of economic opportunities, and in achieving financial health.

2. The Department of Education (DepEd), through the Bureau of Curriculum Development (BCD), in partnership with BDO Foundation Inc. and Huawei Technologies Phils. Inc., announces the conduct of the **Search for the Best Integration of Financial Literacy Key Concepts in Science and Mathematics (FLICSM) Through Self-Learning Modules**.

3. The Search for the Best Integration of Financial Literacy Key Concepts in Science and Mathematics through Self-Learning Modules (FLICSM) is an SLM-writing competition for teachers on developing creative and innovative self-learning modules (SLMs) that best integrate financial literacy concepts in Science and Mathematics.

4. This aims to promote understanding of learners on financial literacy concepts using the SLMs developed by teacher-writers. The integration of financial literacy will enable learners to better understand the importance of life skills such as budgeting, saving, investing, among others, through the connections of learning content and its real-life applications established in the lessons. In addition, the competition intends to foster competence, creativity, collaboration, and flexibility among teachers in developing lessons in Science and Mathematics. Winning entries will also add to the quality assured learning materials of the Department that teachers may use in the future.

5. The competition is open to all public and private elementary and junior high school (JHS) Science and Math teachers and will consist of four categories: SLMs in Mathematics for Elementary, SLMs in Mathematics for JHSs, SLMs for Science in Elementary, and SLMs for Science in JHS.

6. The SLMs must be aligned with the most essential learning competencies (MELCs) in Science or Mathematics of the K to 12 Curriculum. The coverage of the lessons will be anywhere from first to fourth quarter of Grade 4 to Grade 6 for elementary and Grade 7 to Grade 10 for JHS.

7. Each region shall endorse, at most, two official entries for each category. Entries for the elementary level may come from any of the grade levels from Grades 4 to 6, while entries for the JHS may be from any of the levels from Grade 7 to 10.

8. Winners for each category will receive certificates of recognition and cash prizes as indicated below. Non-winning entries shall receive a consolation prize. All participants will receive a Certificate of Participation.

Category Prizes	Prizes for each category
SLMs in Mathematics for Elementary	1st-P50,000.00
SLMs in Mathematics for Junior High School	2nd-P35,000.00
SLMs in Science for Elementary	3rd-P20,000.00
SLMs in Science for Junior High School	Consolation Prize-P3,500.00

9. All entries must be received not later than **January 31, 2022** at the National Level. Entries received after the deadline will no longer be evaluated. The dates for the various activities for the competition are indicated below.

Date	Activity
November 29, 2021	Call for National Entries
January 15, 2022	Deadline of Submission of Entries at the Regional Level
January 31, 2022	Deadline of Submission of Entries at the National Level
February 7-April 8, 2022	Judging of Entries
April 18-22, 2022	Deliberation of Winners
April 29, 2022	Awarding of Winners

10. The documents below are enclosed for information and guidance of all concerned.

- a. Enclosure No. 1 - FLICSM Competition Mechanics
- b. Enclosure No. 2 - Certification and Permission for SLM Reproduction
- c. Enclosure No. 3 - Writer's Declaration of Warranties Form with Declaration
- d. Enclosure No. 4 - Checklist of Submitted Requirements

11. For more information, please contact **Ms. Lilia L. Lagrimas** or **Ms. Eliza C. Peralta**, Senior Education Program Specialists, Bureau of Curriculum Development-Curriculum Standards Development Division, 3rd Floor, Bonifacio Building, Department of Education Central Office, DepEd Complex, Meralco

Avenue, Pasig City through email at bcd.csdd@deped.gov.ph or at telephone numbers (02) 8632-7746 and (02) 8635-9822.

12. Immediate dissemination of this Memorandum is desired.


LEONOR MAGTOLIS BRIONES
Secretary

Encls.:
As stated



Reference:
DepEd Order No. 022, s. 2021

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

LEARNERS
LEARNING AREA, SCIENCE
LEARNING AREA, MATHEMATICS
SEARCH
TEACHERS

MCR/SMMA/APA/MPC, DM-Search for the Best Integration of Financial Literacy Key Concepts...
0340 - November 24, 2021



**SEARCH FOR THE BEST INTEGRATION OF FINANCIAL LITERACY KEY CONCEPTS
IN SCIENCE AND MATHEMATICS THROUGH SELF-LEARNING MODULES**

Competition Mechanics

1. The competition is open to all public and private elementary and junior high school Science and Math teachers. There shall be four (4) categories:
 - a. SLMs in Mathematics for Elementary
 - b. SLMs in Mathematics for Junior High School
 - c. SLMs in Science for Elementary
 - d. SLMs in Science for Junior High School
2. The SLMs must be aligned with the most essential learning competencies (MELCs) in Science or Mathematics of the K to 12 Curriculum. The coverage of the lessons will be anywhere from first to fourth quarter of Grade 4 to Grade 6 for elementary and Grade 7 to Grade 10 for the junior high school.
3. The SLMs may also include the financial literacy training videos by BDO Foundation, Inc, which is made available through the DepEd Portal.
4. Entries should be written in English being the medium of instruction of the learning area.
5. Each region shall endorse at most two official entries for each category. Entries for the elementary level may come from any of the levels from Grades 4 to 6, while entries for the junior high school may be from any of the grade levels from Grade 7 to 10.
6. The Regional Office, through the Curriculum and Learning Management Division (CLMD), must ensure that the entries are compliant with the requirement as identified in the checklist in Enclosure 4.
7. Maximum of two teachers may collaborate on the SLM. Teacher-participants must be teaching Math or Science for at least three (3) years. In addition, teacher-writers for the junior high school level should have a specialization in Science or Math or is a graduate of Math/Science-related courses.
8. The writer/s are required to fill out the submission form and upload their entries and other requirement online through this link: <https://bit.ly/FLICSM>. Among the documentary requirements to be submitted online are as follows:
 - a. Scanned endorsement from the Regional Office
 - b. Notarized Certification (Enclosure 2)
 - c. Writer's Declaration of Warranties Form with Declaration (Enclosure 3)
 - d. Bionote of the teacher-writer/s
 - e. Checklist of the submitted requirements signed by the learning resource evaluator (LRE) of the region (Enclosure 4)
9. All entries must be received not later than January 31, 2022 at the National Level. Entries received after the deadline will no longer be evaluated. Files must

be saved in PDF version following this filename format: SLM_Level_Learning Area_Region_LASTNAME, e.g. SLM_Elementary_Math_NCR_MARTINEZ

10. An entry found to be copied or imitated will mean disqualification from the competition. Intellectual property of the submitted SLMs shall be owned by the proponent/s. Permission will be given to DepEd to allow reproduction of the SLMs, at no cost to DepEd and regardless of the number of copies perpetually, for future use by other teachers.
11. There will be a separate set of evaluators/judges for each category. A separate guideline on the process of evaluating/judging the entries shall be issued for the judges. The SLMs will be evaluated based on the agreed set of criteria.

Area	Points
Content	50
Extent of Integration	20
Language	20
Layout and Design	10
Total	100

12. The decision of the Panel of Evaluators/Judges is final and irrevocable.
13. Announcement of winners will be done through a virtual awarding ceremony.



CERTIFICATION

KNOWN ALL MEN BY THESE PRESENTS:

That I/We _____ of _____ writer/s in the _____ hereby certify that the submitted SLM is new and original to the best of my/our knowledge. I/We further certify that DepEd-Central Office is given permission to reproduce and distribute the SLMs for learning delivery.

IN WITNESS WHEREOF, I/We have hereunto set our hands on this ____ day of _____, 2021 at _____.

Witness

Witness

SUBSCRIBED AND SWORN TO before me this ____ day of _____ 2021, at _____, Philippines, affiant _____, exhibiting his proof of identity as above stated.

Doc. No.: _____
Page No.: _____
Book No.: _____
Series of 2021



Writer's Declaration of Warranties Form with Declaration

1. I, [name of the writer], warrant that all the contents of the SLMs are original. Should there be any third-party content in the SLMs, all the necessary permissions, and clearances from the intellectual property right owner/holder have been obtained and all appurtenant obligations have been shouldered by the undersigned. I shall hold DepEd free and harmless from all claims and liabilities on intellectual property rights over the SLMs.
2. I, [name of the writer], acknowledge that I have the prime responsibility to ensure that the submitted SLMs are free from error and plagiarism. I take full responsibility and accountability and holds DepEd free from any claim and liability relative to the presence of any error and plagiarism, including, but not limited to, making the necessary corrections or revisions as may be required.
3. I, [name of the writer], acknowledge the authority of DepEd over the evaluation of the SLMs. He/she is bound to comply with the relevant law, rules, and DepEd regulations. I will abide by the judgment and decision of DepEd which is understood and accepted as final.
4. I, [name of the writer], will not exert any undue influence on the evaluation process, its documents, reports, and decisions or improperly contact any person involved therein.

By signing below, I, [name of the writer], conform and bind to the above declarations and warranties. Should I violate or fail to honor any of the above declarations and warranties, such violation could be a sufficient ground to disqualify the SLM I submitted, without prejudice to other available legal remedies for DepEd.

Name of Declarant/Writer: _____ Designation: _____

Signature of Declarant/Writer: _____ Date: _____



Checklist of Submitted Requirements

Title of the SLM: _____
Learning Area: _____
Grade Level: _____ Quarter: _____

The evaluator shall accomplish this form by checking the submission of the contestants. Put a check mark (/) on the appropriate column.

Items	YES	NO
1. The submitted learning resource contains all the technical specifications of an SLM. (Refer to the technical requirements section on pages 5-8 in DepEd Order 1, s. 2021)		
2. The SLM has a maximum of 32 pages.		
3. The medium of instruction used in the submitted SLM is the required medium of instruction in the particular grade level and learning area.		
4. No consumable pages are included in the SLM (e.g. SLMs do not direct or allow learners to write, color, or cut on the said material.)		
5. The size of SLM is 8.25" x 10.75".		
6. The format of the SLM follows a 'portrait orientation.'		
7. Link to the BDO learning video/s is included in the SLM, if applicable.		
8. Notarized Certification (Enclosure 1) is submitted.		
9. Bionote of the teacher-writer/s is submitted.		
10. Writer's Declaration and Warranties Form (Enclosure 2) is submitted.		
11. Letter of endorsement from the region is submitted.		

Evaluated by:

*Signature of Evaluator over printed name
and Designation*

Date



Republic of the Philippines
Department of Education
CORDILLERA ADMINISTRATIVE REGION
Wangal, La Trinidad, Benguet

Enclosure No. 3 to Regional Memorandum No. 606

The use of original contents in SLMs submitted by the private and public entities is highly encouraged. The inclusion of any third party content in SLMs must be in accordance with applicable laws and rules, including Republic Act (RA) No. 8293, as amended by RA 10372, or the Intellectual Property Code of the Philippines, which contains provisions on, among others, licensing and assignment of intellectual property as well as limitations and exceptions to copyright. Should permission for use of third party content be necessary, the party submitting the SLM shall secure such permission in writing. In all cases, any and all consequences of the use of any third party content, including any criminal, civil or administrative liability that may result from unauthorized or unlawful use thereof, shall be the sole responsibility of the party submitting the SLMs which contain such third party content.

2. Documentary Requirements

Together with the submission of the digital copies of the SLMs, the following shall also be submitted in digital copies as necessary documentary requirements:

- 2.1** Duly accomplished Submission Form in digital format (Word File) for each set (per grade level, learning area, and quarter) of SLMs. Please see **Annex 1** for the template of the Submission Form.
- 2.2** A certified true copy of NBDB Registration or Business Registration/Permit from the local government unit must be submitted by private entities.

C. Technical Requirements of the SLMs

The following are the technical requirements for the submission of SLMs:

1. Instructional Design

The Instructional Design (ID) is the systematic framework used in designing printed learning resources. It translates the principles of teaching and learning into place for teaching-learning strategies, developmental activities, and evaluative measures that complement the contents. Figure 2 describes the Instructional Design for Q3 and Q4 SLMs which follows the Input-Output-Process.



Scan the QR code to view the document



DEPED-OSEC-438172

Self-learning Modules Instructional Design

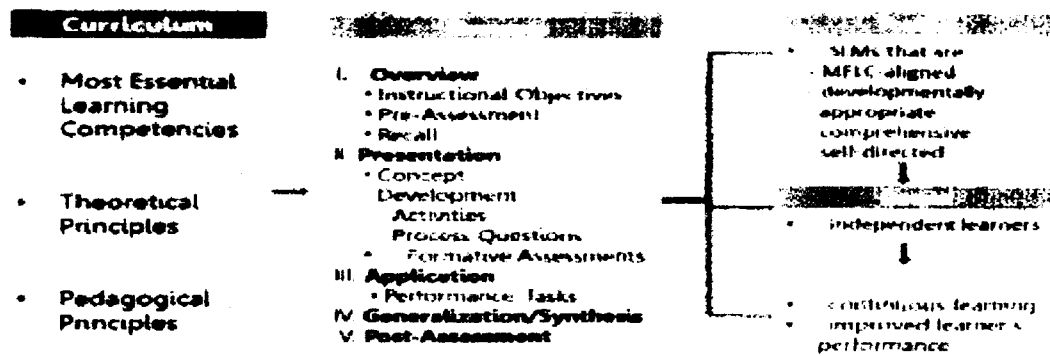


Figure 2. Instructional Design (Source: BLD, Oct.11, 2020)

Curriculum

The Quarters 3 and 4 SLMs to be submitted shall be anchored on the MELCs which can be accessed and downloaded by interested parties from <http://lrmds.deped.gov.ph/detail/18275> and <https://commons.deped.gov.ph/MELCS-Gudelines.pdf>.

Elements per Lesson

This section deals with the elements culled from the ID and describes the guidelines for development of SLMs. However, private and public entities may consider other terms provided that these are synonymous, essential, and consistent in the achievement of learning objectives and presentation in the inside pages.

a. Overview

- contains an *Introduction* that discusses the topic/content of the module and the learning objective/s

Objectives

- anchored on MELCs
- inform the learners of the expected outcomes

Pre-assessment

- check the learner's knowledge about the lessons

Prior-knowledge

- facilitate condition of learning

b. Presentation

Concept Development

- sufficiently develop the MELCs intended for the learning area and grade level
- logically developed and organized
- suitable to the learner's level of development, needs, experience, and context
- free from any type of error
- cognizant of intellectual property rights



Activities

- developmental and age appropriate

Assessments

- aligned with the objectives and content
- varied and involve self-check exercises
- contain answer keys for objective type of questions

c. Application**Performance Task**

- differentiated tasks based on the learner's multiple intelligences, learning styles, and readiness level

d. Generalization/Synthesis

- process what has been learned by the learners

e. Post-assessment

- evaluate the learner's level of mastery in achieving the objectives

2. Physical Attributes**Cover Page**

- Cover art is appropriate, relevant, and interesting
- Includes grade level identifier, quarter number, learning area, module title, and module volume, when warranted

Front Matter Pages

- All necessary elements are complete (title page, copyright page, table of contents, and introduction of the module)

Text

- readable and suitable for the target users
- written in a conversational/narrative style

Visuals and Illustrations

- relevant to the text, age, culture, and life situation
- accurate representation of the concepts discussed
- sustain interest and do not distract attention of the learner
- free from objectionable biases or advertising
- proportionately drawn in size
- appropriately placed in the page
- use appropriate color when needed in the understanding of concepts

Back matter

- References

Others

- Answer Key

Technical Specification and other information for consideration for submission of SLMs, please refer to **Annex 2**



3. Format

Design and Layout

- Contain enough space between words, between lines, and between texts and visuals
- Citations for graphics and visuals shall be on the same page
- Page endings do not end with a hyphenated word or an awkward page turn which affect readability
- Adequate illustrations in relation to text
- Harmonious blending of elements (e.g., illustrations and text)
- Properly laid out and sustain readability

Typeface and Font Size

- Appropriate for the target user
- Easy to read to enable the target users to easily identify themes and ideas

The following table shows the recommended typeface and font size:

Grade Level	Recommended Typeface	Required Font Size
Grade 4	Arial	Text: 14 pt
	Times New Roman	Heads: 18 to 28 pt
Grades 5 to 10	Bookman Old Style (body text Justified)	Sub Heads: 14 to 16 pt
		Text: 11 to 12 pt
		Heads: 15 to 24 pt
		Sub Heads: 11 to 13 pt

Colored Pages

- SLMs are in one color except for Arts, Science, and Math with approximately 24 multiple colored inside pages

4. Medium of Instruction to be Used

On the basis of the information as to what grade level and learning areas shall be accepted for evaluation, the language to be used in the SLM is indicated in the following table:

Grade and Learning Area	Medium of Instruction
Grades 4 to 10 Filipino and EsP	Filipino
Grades 4 to 10 English, Science, and Math	English
Grades 4 to 5 MAPEH	Filipino
Grades 6 to 10 MAPEH	English
Grades 4 to 10 Araling Panlipunan	Filipino



DEPED-OSEC-438172