Republic of the Philippines
Department of Science and Technology
Science Education Institute

Service. Excellence. Innovation.

19 January 2021

DR. MAY B. ECLAR
Regional Director
DepEd Region III
San Fernando City, Pampanga

Dear Dr. Eclar,

The Science Education Institute of the Department of Science and Technology would like to invite the teachers from your region to join the 3rd *InnoBox: Search for the Most Innovative Teaching and Learning Resources in Science and Mathematics* with the theme STEM Resources for Remote Learning. The Search, which is open to all public and private elementary and secondary school teachers nationwide, aims to encourage teachers to be innovative/creative/practical in teaching STEM concepts to improve students' performance across STEM subjects.

For those who are interested to join, the Search Rules and Criteria as well as the required forms may be downloaded from the DOST-SEI website http://www.sei.dost.gov.ph. The accomplished forms may be submitted electronically via this google form link: https://forms.gle/a66Jk6WchPoNN4qMF8. You may also refer to the InnoBox facebook page for quick announcements.

For inquiries, our staff *Ms. Jobelle Gayas* or *Mr. James Carlo Cerda* may be reached at telephone number (02) 837 2071 local 2386, through email address innobox.seidost@gmail.com or via the InnoBox facebook page.

Thank you.

Very truly yours,

JOSETTE T. BIYO
Director

INDORSEMENT

To: All Schools Division Superintendents

For information dissemination.

MAY B. ECLAR, PhD, CESO III
Regional Director

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837-0056, 837-0057, 837-1925, 837-1926

CERTIFICATION OF AUTHORSHIP

Title of Entry: _____

Lead Proponent: _____

School: _____

Please check and accomplish what applies:

The proposed teaching and learning resource (TLR) material:
    is new and original

    is part of an unpublished original paper for a master's/doctoral degree

    has been submitted to other competitions but with revision

        Title of Search/Competition the previous proposal was submitted to:
        _____

        Did the previous proposal win an award or place? If yes, please specify award or place.
        _____

        How is the submitted proposal different from the previous? Please specify the changes or revisions made in the current submission.
        _____

    is a revised version of a previous or existing TLR.

        Description and Proponent of the previous or existing TLR:
        _____

        How is the submitted proposal different from the previous or existing TLR? Please specify the changes or revisions made.
        _____

    I hereby certify that the entries to this certification are correct and truthful. I understand that the claims as stated in this document are subject to verification and confirmation.

                                            _____
                                            Name and Signature of Lead Proponent

Attested by:

_____
Name and Signature of the School Head

3rd INNOBOX: SEARCH FOR THE MOST INNOVATIVE TEACHING AND LEARNING STEM RESOURCES

Theme: STEM Resources for Remote Learning

SEARCH RULES AND CRITERIA

1. Description

The InnoBox Project is a nationwide search for the most innovative teaching and learning resources (TLRs) which can be used in teaching both science and mathematics subjects. The search aims to encourage teachers to be innovative, creative and practical in teaching science and mathematics concepts to improve students' performance in these subjects. It is open to all public and private elementary and secondary school teachers nationwide.

For 2021, the search intends to recognize teaching and learning innovations that best respond to the challenges and opportunities of the changing education landscape brought about by disruptors like the COVID-19 pandemic and the 4th industrial revolution. The search also emphasizes innovations and initiatives that wholeheartedly embrace the interconnectedness among STEM disciplines and harness their synergy in solving real-world problems such as the ones currently faced by the education sector.

2. Search Categories

The 2021 Search will have two categories – (a) one for elementary level (Grades 1 – 6) and (b) one for the high school level (Grades 7 – 12). There will be two sub-categories for each:

Digital Tools	Teaching/Learning Devices and Materials
These are resources with a centerpiece that is an original software developed by the proponent(s) and is designed for either stand-alone use or with other materials and/or equipment. It can also be for either online or offline use. **These resources must be applicable and appropriate to at least five different lessons/topics across STEM subjects in the category.**	These are resources that may include materials, supplies, and/or equipment that are originally designed, constructed, and assembled into a set or unit by the proponent(s). **These resources must be applicable and appropriate to at least five different lessons/topics across STEM subjects in the category.**

3. Search Eligibility

3.1 The search is open to all Filipino teachers who are currently teaching science and/or mathematics.

3.2 The lead proponent should be a science or mathematics teacher. The lead proponent may organize a team with four more members.

3.3 Collaboration with students, teachers, and other institutions in conceptualizing the proposed innovation is encouraged.

3.4 The proposed teaching and learning resource should be used in teaching both science and mathematics concepts.

3.5 The proposed teaching and learning resource must be largely original. In case the proposal builds on an existing resource, the proponent must acknowledge original authorship and indicate the modifications that have been made to the original work.

3.6 The proposed teaching and learning resource must not have been awarded or given special recognition in other competitions.

3.7 Entries submitted to InnoBox in previous searches may still be re-submitted for consideration provided that: (a) said entries did not previously qualify for the pitching stage and (b) it follows the guidelines of the current search.

3.8 Previous InnoBox finalists and winners may participate by proposing a new project. The new project should not be a modification only of a previous submission.

4. Search Requirements and Mechanics

4.1 Submission of Proposals and Selection of Qualifiers

4.1.1 Schools are required to submit the following to the Search Secretariat at the Science Education Institute – Department of Science and Technology, on or before **March 12, 2021**.

    a. Form No.1 - Project Proposal Format with Line-Item Budget
    b. Form No.2 - Certification of Authorship
    c. Endorsement letter from the Principal/School Head

4.1.2 Proponents are required to fill out the submission form and upload their proposals and other required forms/documents at **https://forms.gle/a6Mk6WchPoNN4pMR8.**

All proposals must be received not later than March 12, 2021. Proposals received beyond this date will no longer be evaluated.

4.2 Search Mechanics

4.2.1 The Search Secretariat will pre-screen the submitted proposals based on compliance to the requirements. Entries with incomplete documents will not be screened.

4.2.2   The Search is composed of the following stages:

Stage	Activity	Participants	Date
1	Proposal submission	All interested teachers	January to March 12, 2021
2	Proposal evaluation	Technical committee to evaluate all submitted proposals	March 19, 2021
3	Project pitching	5 qualifiers per category	April 12, 2021
4	Project implementation and monitoring (May be virtual or face-to-face depending on the IATF guidelines being enforced at the time of the activity)	3 finalists per category	September to December 2021

4.2.3   The Search Secretariat will notify the qualifiers via electronic mail. The qualifiers will participate in Stage 3 of the Search.

4.2.4   Qualifiers to Stage 3 are expected to have prepared an initial (working) prototype of their entry for presentation during the pitch. The project pitching may be virtual or face-to-face depending on the IATF guidelines being enforced at the time of the activity.

4.2.5   Non-finalists will also be notified.

4.2.6   Three finalists will be chosen from the five qualifiers per category and each will receive a financial grant of Php 50,000.00 to develop the teaching-learning resource.

4.2.7   The finalists and the principal/school head will sign the Deed of Undertaking (DOU) to signify their acceptance of the conditions of the grant.

4.3 Project Implementation/Monitoring

4.3.1 All activities in connection with project implementation and monitoring are subject to national guidelines and directives. Finalists shall be informed of changes as needed.

4.3.2 Before the scheduled monitoring, the finalists shall submit to the technical committee two lesson plans; one (1) in science and one (1) mathematics in which the entry is to be used.

4.3.3 For face-to-face or on-site visits, the technical committee will monitor the implementation of the TLR by observing two (2) classes, **one each for science and math**, and conduct interview with the school principal/head and separate focus group discussions with the team members and the students.

4.3.4 For remote project implementation and virtual monitoring, the technical committee will monitor the implementation of the TLR by observing two (2) virtual teaching demonstrations, **one each for science and math**, and conduct interview with the school principal/head and separate focus group discussions with the team members.

4.3.5 One month after the monitoring visit, the finalists shall submit a financial report on the disbursement of grant, with all the supporting documents to the search Secretariat.

5. Selection Criteria

5.1 Judging shall be based on the following criteria:

Criteria	% Weight
Innovativeness/Originality	40%
Quality of the teaching and learning resource	30%
Value to teaching and learning	20%
Alignment with the curriculum	10%

5.2 The decision of the Board of Judges shall be final. The score sheets/rating sheets are confidential and will not be disclosed to any qualifier or requesting party.

6. Announcement/Awarding of Winners

6.1 Three (3) winners shall be selected per category and each winner will receive a cash prize and a plaque of recognition during the Awarding Ceremonies. The school will also be given a plaque of participation.

6.2 Winners will be announced during the Awarding Ceremonies and all qualifiers shall be invited to attend the event.

7. Intellectual Property (IP)

7.1 Intellectual property prior to the contest shall be owned by the proponent. SEI will be permitted to disseminate intellectual property in consultation with the proponent.

7.2 The application for IP after the contest shall be consulted with DOST-SEI. The assistance provided by DOST-SEI shall be acknowledged in any application.

7.3 The ownership of IP and IP rights resulting from this project, partially or fully financed by DOST-SEI, shall be governed by RA 10055 or the Philippine Technology Transfer Act of 2009.

7.4 The DOST-SEI may promote, publish, and disseminate the results of the project "InnoBox: Search for the Most Innovative Teaching and Learning Resources in Science and Mathematics" subjects to the confidentiality agreement between and/or among the concerned parties.

SEI Contact details

For further inquiries, the proponent may contact:

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DOST Compound, Gen. Santos Ave.
Bicutan, Taguig City 1631
innobox.seidost@gmail.com
jpgayas@sei.dost.gov.ph
+63 995 429 8180 (Globe)

PROJECT PROPOSAL FORMAT

Note: The font should be Arial, size 11. Proposal and appendices must be submitted as one file in MS Word or in PDF format.

I. Title of the Proposed Project

II. Rationale and Background
Please include how you came up with the idea, and review of existing materials and how the proposed teaching and learning resource (TLR) is related to that, if any.

III. Project Description

IV. Objectives of the project

V. Development of the TLR
   A. Design process (Describe the development and procedure, materials to be used, prototype)
   B. Pilot implementation plan
   C. Sustainability plan

VI. Topics/Concepts for which the TLR is applicable (please include as many as applicable)

Grade Level	Topic	Learning competencies	Description of TLR use

VII. Timeline/Gantt Chart and Responsibilities of team members and collaborators

VIII. Project Line-Item Budget *(see attached form)*

IX. References

PROJECT LINE ITEM BUDGET

PROJECT TITLE:
PROPONENT:
SCHOOL:
ADDRESS:
PERIOD COVERED:

PARTICULARS	AMOUNT		
	SOURCE OF FUNDS		
	DOST-SEI	SCHOOL	OTHERS
TOTAL			

Chargeable against:

Certified Funds Available:

ANITA E. GORGONIO
OIC, Budget Unit

APPROVED BY:

JOSETTE T. BIYO
Director