



Republic of the Philippines
Department of Education
Region V
Schools Division of Sorsogon

July 10, 2023

DIVISION MEMORANDUM

To: Secondary School Heads of STEM-Implementing Schools
All Others Concerned

**CONFERENCE AND DATA-GATHERING ACTIVITY OF THE UNILAB FOUNDATION
WITH THE STEM SCHOOLS FOR THE STEAM PROGRAM IMPLEMENTATION**

1. Per communication sent by the Unilab Foundation, Inc./CISTEM herewith attached, the team from the Unilab Foundation shall be conducting a Conference and Data-Gathering Activity on the STEAM Program implementation with the STEM schools in the Division on July 27, 2023 at 9:00 am at the Bulwagan ng Karunungan, SDO-Sorsogon.
2. In this regard, all sixteen (16) STEM schools are requested to send one (1) STEM subject group head/coordinator to attend the said activity, and participate actively during the FGD session.
3. Participants are requested to bring with them the needed data as indicated in the attached communication. They are also requested to identify and submit the names of students with contact details (at least one student-graduate for each school year) who can be interviewed online or face to face (when possible) by the Unilab Foundation representative regarding their STEAM Program experiences and be able to give inputs/ recommendations to further improve the implementation of the Program.
4. Participants in this activity shall be granted 1-day service credit.
5. Travel and other incidental expenses of the participants shall be charged against local funds/ school MOOE, while other expenses that may be incurred in the Division relative to the conduct of this activity shall be charged against local funds/ Division MOOE subject to the usual accounting and auditing rules and regulations.
6. For information, guidance and compliance of all concerned.

WILLIAM E. BANDO, CESO VI
Schools Division Superintendent



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Website: depedsorsogon.com.ph



CIP 5461/21/05/1163



MICHELLE H. GUADAMOR <michelle.guadamor001@deped.gov.ph>

Request for Support on Data Gathering

1 message

Aljhun Datchberil Tapalla <agtapalla@cistem.ph>

Thu, Jul 6, 2023 at 12:27 PM

To: DepEd Sorsogon <sorsogon@deped.gov.ph>

Cc: "MICHELLE H. GUADAMOR" <michelle.guadamor001@deped.gov.ph>, guadamormichelle@yahoo.com, Emily Joyce Roble <ecroble@cistem.ph>, Renz Nathaniel Delagana <radelagana@cistem.ph>

Dear **SDS Gando**,

We hope this email finds you well. CISTEM would just like to extend our warmest congratulations to you for another successful school year in Sorsogon!

Our previous implementation of STEAM in Sorsogon has been very successful with students having significantly performed better in all measures of 21st century competencies and STEM career readiness based on the results from our study. Their science process skills, math skills, critical thinking, ICT skills, and work ethics have been shown to have a positive effect and observable improvement over all. This is all thanks to your unrelenting support.

With this small victory at hand, we would like to explore how we can further improve the quality of STEM in Sorsogon with you by humbly asking for your support for our team to visit the participating schools and conduct a **data gathering activity between July 24 to 28, 2023** (schedule is subject to availability).

Attached is the letter for your perusal. If you have further questions, feel free to let me know at agtapalla@cistem.ph or at 0919-098-9517.

We are looking forward to your positive action on this request. Thank you and good day.

Best regards,

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Aljhun Datchberil G. Tapalla
Project Officer
USAID Advanced Manufacturing Workforce Development
Center for Integrated STEM Education, Inc. (CISTEM)
Unilab Foundation, Inc.

You can reach me at:
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(+63) 919 098 9517 (Smart)

www.unilabfoundation.org

Endorsement Letter STEAM Sorsogon - Province.pdf
371K

*EPS Michelle,
Pls. facilitate.
Contact the focal
person as to
the details -*



To: **WILLIAM E. GANDO, CESO VI**
Schools Division Superintendent
Department of Education - Sorsogon Province Division Office

Subject: **DATA GATHERING FOR STEAM SORSOGON**

Date: **JULY 4, 2022**

Dear SDS Gando,

Greetings!

CISTEM is delighted to share that we had positive success and impact on students of Sorsogon during the implementation of STEAM Innovation Program.

Results from our study show that students significantly performed better after the **Integrated STEAM Innovation Program** in all measures of 21st century competencies and STEM career readiness. The Integrated STEAM Innovation Program effectively improved student resilience, grit, growth mindset, and metacognitive awareness. In addition, it had positive effects on students' science process skills, math skills, critical thinking, ICT skills, and work ethics.

This would have never been possible without your generous and unrelenting support and we are truly honored to have you as partners in this endeavor.

But our mission to improve the quality of STEM in Sorsogon does not end here. The UNILAB Foundation and CISTEM once again seek your assistance so that we can further explore the possibilities on upscaling this program. We were informed that new schools offering STEM strands have been established since the initial launch of the program and we might need new data to serve as our baseline for the program. This will serve as our new baseline and justification in moving forward with new phases of STEAM Sorsogon.

With this, we would like to seek your support and permission for our team to visit the participating schools and conduct a data gathering activity from **July 24 - 28, 2023** (*schedule is subject to availability*). Key points for the assessment activity can be found in the next page of this letter. We hope to be able to talk with at least one STEM teacher or coordinator to represent each school so we can obtain firsthand information from their teaching experiences.

If you have any questions and concerns, please feel free to message Mr. **Aljhun Datchberil G. Tapalla**, Project Officer of the STEAM Innovation Program at agtapalla@cistem.ph or at 0919-098-9517.

We hope we will once again have the honor of partnering with your esteemed organization for this important initiative. Together, we can make a lasting impact on the lives of countless Sorsogonans. Thank you so much!

Warmest regards,

GONZALO SERAFICA, Ph. D.

Executive Director

Center for Integrated STEM Education, Inc.

DATA NEEDED FROM EACH SCHOOL

A. HIGH SCHOOL ENROLLMENT DATA

No. of Grade 11 STEM strand students

- o A.Y. 2019-2020
- o A.Y. 2020-2021
- o A.Y. 2021-2022
- o A.Y. 2022-2023

No. of Grade 12 STEM strand students

- o A.Y. 2019-2020
- o A.Y. 2020-2021
- o A.Y. 2021-2022
- o A.Y. 2022-2023

B. COLLEGE ENROLLMENT DATA

How many graduates of the STEM project enrolled in a STEM related courses in college for:

- o A.Y. 2019-2020
- o A.Y. 2020-2021
- o A.Y. 2021-2022

C. GENERAL QUESTIONS FOR TEACHERS

Disclaimer: These are just general topics and exact questions may vary however, the scope of questions will still revolve on their STEAM teaching experiences

- How were your students' interest and performance in STEM in your classes?
- What are some of your notable experiences while teaching STEAM?
- How did you apply DTP / STEM Skills / Others in your teaching process?
- What was the feedback of students on the STEAM program?
- Do you think STEAM is important for the students especially on their performance and career choices?
- What are some of the challenges you faced while teaching STEM in class? How might this be improved?
- What techniques and strategies did you use to nurture your students' career exploration? Is it important to foster their STEM career interest?
- What are the notable researches for AY: 2019-2020, 2020-2021, 2021-2022, and 2022-2023
- What do they think are the important skills for implementing the STEAM program?
- Are there notable students from the STEAM program who have gotten success in STEM? (e.g. have college scholarships, went to top universities, etc.)
- Were there any notable parental / community support for children during their studies?

D. STUDENT INTERVIEWS

If possible, we would also like to ask for your help if we can set up meetings (online or F2F) with some of the graduates of STEAM from the previous years. We will ask them about their experiences and recommendations / messages for their younger fellow STEM students.