

**ACUERDOS BILATERALES/BILATERAL AGREEMENT/ACORDOS  
BILATERAIS/ACCORDS BILATERAUX**

Clasificación:  
Classification: 48-2021.

Classifacation:  
Classificação:

Fecha de Ingreso:  
Entry Date: November 10, 2021.  
Date D'entrée:  
Data de Admissão:

Nombre del Acuerdo:  
Name of the Agreement: Cooperation agreement between the General Secretariat of the Organization of American States and the American Modeling Teachers Association (ITEN)

Nom de L'accord:  
Nome do Acordo:

Materia:  
Subject: Establishment of a regulatory framework with respect to the execution of a virtual professional development course titled, Introduction to Modeling Instruction in Middle School (hereinafter the "Project") by AMTA for science teachers identified by The Department of Education, Nevis, and funded by ITEN's Seed Grant, in accordance with the Project Proposal which forms an integral part of this Agreement as Annex II

Sujet:  
Materia:

Partes:  
Parties Involved: GS/ American Modeling Teachers Association (ITEN)

Parties:  
Partes:

Referencia:  
Reference: American Modeling Teachers Association (ITEN)

Référence:  
Referência:

Fecha de Firma: August 6, 2021  
Signature Date:  
Date de la Signature:  
Data de Assinatura:

Fecha de Inicio:  
Start Date:  
Date du Commencement:  
Data de Início:

Fecha de Terminación:  
End Date:  
Date de Résiliation :  
Data de Rescisão:

Lugar de Firma: Shelbyville, Ky/ Washington, DC.  
Place of Signature:  
Lieu de la Signature:  
Lugar de Assinatura:

Unidad Encargada: Department of Human Development, Education  
Unit in Charge: and Employment.  
Unité Responsable:  
Unidade Encarregada:

Persona Encargada:  
Person in Charge:  
Personne Responsable:  
Pessoa Encarregada:

Cierre del Proceso:  
Closure of Proceedings:  
Clôture des Procédures:  
Fechamento do Processo:

Notas Adicionales/ Additional Notes/Notes Supplémentaires/Notas Adicionais:

**COOPERATION AGREEMENT**  
**BETWEEN**  
**THE GENERAL SECRETARIAT OF THE ORGANIZATION OF AMERICAN STATES**  
**AND**  
**THE AMERICAN MODELING TEACHERS ASSOCIATION**  
**FOR THE EXECUTION OF A SEED GRANT SPONSORED BY THE INTER-AMERICAN**  
**TEACHER EDUCATION NETWORK (ITEN)**

**THE PARTIES TO THIS COOPERATION AGREEMENT**, the General Secretariat of the Organization of American States (hereinafter “GS/OAS”) a public international organization, with headquarters at 1889 F Street NW, Washington, DC, 20006, through its Department of Human Development, Education and Employment (hereinafter “DHDEE”) of the Executive Secretariat for Integral Development, represented by Ms. Kim Osborne, Executive Secretary for Integral Development, and American Modeling Teachers Association (hereinafter “AMTA”), a 501 (c) 3 organization, located at P.O. Box 11, Shelbyville, Kentucky 40066 represented by William Thornburgh, Executive Officer,

**CONSIDERING:**

That the Inter-American Teacher Education Network (ITEN) is an initiative of DHDEE, whose mission is to contribute to the improvement of the quality of education in the Americas through the promotion of the exchange of knowledge, capacity-building, and technical assistance for teachers, ministries of education, and teacher formation centers within the Member States of the Organization of American States (OAS);

That ITEN supports all of the objectives of the Inter-American Education Agenda (IEA), available at [https://www.oas.org/en/media\\_center/press\\_release.asp?sCodigo=E-007/17](https://www.oas.org/en/media_center/press_release.asp?sCodigo=E-007/17), adopted in 2017 by the Ministers of Education of the OAS Member States, that proposes to strengthen education in the region in the following three priority areas: (1) quality, inclusive, and equitable education; (2) strengthening of the teaching profession; and (3) comprehensive early childhood care, (see OEA/Ser.K/V.12.1, CIDI/RME/doc.6/17 rev. 1), and that ITEN received the mandate to specifically address the second pillar of the IEA;

That there is a need to improve teacher education in the teaching of science, technology, engineering, and mathematics (STEM) in the region, and that the quality of teacher education in those areas should be integrated into a complete system that fosters collaborative problem-solving, the reason for which ITEN has created virtual tools and organizes in-person seminars that facilitate the exchange of ideas and strategies among professional specialists in STEM teacher education;

That one of the mechanisms used by ITEN for system change within and among educational systems are Seed Grants, funds awarded to ministries of education or other teacher education institutions

that are committed to implementing changes in programs or policies in STEM teacher education that are derived from possible solutions developed within the ITEN community;

That AMTA has expressed its interest in executing a project funded by ITEN's Seed Grant within the United States (virtually) and to share findings and achievements from said project with the ITEN community, and;

That the GS/OAS is the central permanent organ of the OAS and is authorized to carry out relations of cooperation in accordance with Article 112(h) of the Charter and OAS General Assembly Resolution AG/RES. 57 (I-O/71),

**HAVE AGREED** to enter into this Cooperation Agreement (hereinafter "Agreement").

## **ARTICLE I PURPOSE**

- 1.1 The purpose of this Agreement is to establish a regulatory framework with respect to the execution of a virtual professional development course titled, Introduction to Modeling Instruction in Middle School (hereinafter the "Project") by AMTA for science teachers identified by The Department of Education, Nevis, and funded by ITEN's Seed Grant, in accordance with the Project Proposal which forms an integral part of this Agreement as Annex II.

## **ARTICLE II RESPONSIBILITIES OF THE GS/OAS**

- 2.1 The GS/OAS shall provide to AMTA the sum of ten thousand United States Dollars (USD 10,000) (hereinafter the "Contribution") to be deposited to the account specified by the AMTA Coordinator identified in Article 4.2 of this Agreement in the manner provided in the Disbursement Terms and Conditions, which forms an integral part of this Agreement as Annex I. The budget contained in the Project Proposal, which forms an integral part of this Agreement as Annex II, shall express the amounts of the Contribution in the same currency in which the Contribution is made.
- 2.2 The Seed Grant Coordinator appointed by the GS/OAS pursuant to Article 4.1 is responsible to coordinate with AMTA in all matters necessary for the optimal execution of the Project in order to achieve its vision and goals. For this purpose, the Seed Grant Coordinator shall communicate with the Project team at least on a monthly basis before the major events of the Project take place.

**ARTICLE III  
RESPONSIBILITIES OF AMTA**

- 3.1 AMTA shall be responsible for executing the Project with the Contribution received from the GS/OAS pursuant to Article 2.1 of this Agreement, and in accordance with the Project Proposal and the timelines set forth therein.
- 3.2 AMTA shall administer this Agreement in accordance with its norms and procedures. AMTA will maintain financial records of all expenditures of funds provided under this Agreement in accordance with its usual accounting practices. The GS/OAS reserves the right to audit all such financial records, which must be maintained for at least 6 years after the final disbursement of funds.
- 3.3 AMTA will provide monthly updates to the Seed Grant Coordinator, indicated in Article 4.1, regarding the previous actions to the main activities which are described in the Project Proposal.
- 3.4 AMTA will provide a technical-financial report within thirty (30) days of the expiration or termination of this Agreement, in accordance with Articles 9.4 and 9.5, including a brief description of activities, primary outcomes (considering the results and products described in the Project Proposal), lessons learned, a follow-up action plan, and an evaluation and recommendations for improvement.
- 3.5 AMTA will publicly share what was developed during the execution of the Project, in the manner determined by the GS/OAS, which could be through the presentation of the outcomes at an ITEN Annual Seminar (such as a plenary presentation, poster, or round-table discussion), contribution to an ITEN Annual Report, or through leading a public webinar hosted by ITEN.
- 3.6 AMTA will complete a follow up survey with the Seed Grant Coordinator approximately twelve (12) months after the expiration or termination of this Agreement.
- 3.7 AMTA shall reimburse the GS/OAS the full amount of the Contribution received from the GS/OAS pursuant to Article 2.1 of the present Agreement should it fail to execute the Project in accordance with the Project Proposal, this Agreement and its Annexes. The reimbursement shall be carried out by means of a bank transfer or a deposit to the bank account indicated by the Seed Grant Coordinator identified in Article 4.1 of this Agreement and in accordance with the provisions of Section C of Annex I.
- 3.8 AMTA accepts that any reduction in the financial resources of the Contribution with respect to the budget in Annex II of this Agreement, arising as a consequence from a devaluation of the currency in which the Contribution is made shall be covered directly by AMTA.
- 3.9 AMTA warrants that neither it, its parent entities nor subsidiaries or affiliated entities (if any) is engaged in any practice inconsistent with international human rights laws and standards that prevent child labor, sexual exploitation and trafficking in human beings. AMTA shall take all appropriate measures to prevent its personnel from engaging in sexual exploitation, child labor and trafficking in human beings.

**ARTICLE IV  
COORDINATION AND NOTICE**

- 4.1 Within the GS/OAS, the dependency responsible for coordinating GS/OAS activities under this Agreement is the DHDEE and the Seed Grant Coordinator is Ms. Rebecca Vieyra, ITEN Specialist. Notifications and communications should be directed to the Seed Grant Coordinator at the following street address and electronic mail:

The General Secretariat of the Organization of American States  
Rebecca Vieyra  
ITEN Specialist  
Department of Human Development, Education and Employment  
1889 F Street, N.W.  
Washington, D.C. 20006  
United States of America  
Tel: 202-370-4708  
Electronic Mail: [RVieyra@oas.org](mailto:RVieyra@oas.org)

- 4.2 The officer within AMTA responsible for coordinating the activities under this Agreement is William Thornburgh, Executive Officer. Notifications and communications should be directed to the AMTA Coordinator at the following street address, and electronic mail.

AMTA  
William Thornburgh  
Executive Officer  
P.O. Box 11  
Shelbyville, KY 40066  
Tel: 502-438-8099  
Institutional Electronic Mail: [amtaexec@modelinginstruction.org](mailto:amtaexec@modelinginstruction.org)

- 4.3 All communications and notifications under this Agreement will be validly made only when they are sent by mail or electronic mail and addressed to the Coordinators whose names are set out by the Parties to the addresses indicated in Articles 4.1 and 4.2 of this Agreement. When communications and notifications are transmitted by e-mail, they shall be valid as long as they are made directly from the e-mail address of the Coordinator of one Party to the e-mail address of the Coordinator of the other Party.
- 4.4 Either Party may change the responsible unit, the designated Coordinator, the indicated address, telephone, or email, by notifying the other Party in writing.

**ARTICLE V  
CIVIL RESPONSIBILITY**

- 5.1 AMTA assume full legal responsibility for the Project, including all liability for any damages or claims arising from it, directly and proximately caused by actions or omissions of its corresponding representatives, officials, employees and contractors; and agrees to hold the GS/OAS and its staff members harmless from such damages and claims.

**ARTICLE VI  
INTELLECTUAL PROPERTY**

- 6.1. The use of the OAS logo by AMTA, regardless its purpose, shall be previously authorized in writing by the GS/OAS. The GS/OAS shall have the right to revoke the permission of such use at any time.
- 6.2. The GS/OAS shall have intellectual proprietary rights, including copyright or patent, over the project and all work produced by AMTA under this Agreement. The Parties agree and understand that the GS/OAS shall have the right to use, copy, distribute, reproduce and publish the contents of the project and work produced under this Agreement, and to create any derivative work from it (including, but not limited to, translations of all materials).

**ARTICLE VII  
PRIVILEGES AND IMMUNITIES**

- 7.1 Nothing in this Agreement constitutes an express or implied waiver of the privileges and immunities of the OAS or the GS/OAS, their personnel and their assets, pursuant to the OAS Charter, whose instrument of ratification was deposited by the Government of the United States of America on June 19, 1951; the Headquarters Agreement between the OAS and the Government of the United States of America, signed on May 14, 1992; and any relevant agreements, applicable national law, or the general principles and practices of international law.

**ARTICLE VIII  
DISPUTE RESOLUTION**

- 8.1 Any dispute or complaint that may arise in conjunction with the application or interpretation of this Agreement, or the execution of the Project, shall be settled by direct negotiations between the Parties. If the Parties are unable to reach a mutually satisfactory solution, they shall submit their differences to arbitration pursuant to the Arbitration Rules of the United Nations Commission on International Trade Law (“UNCITRAL”) currently in effect. The place of arbitration shall be Washington, D.C., U.S.A. The language in the proceedings shall be English, unless the Parties agree otherwise. The three arbitrators or, as the case may be, the one arbitrator shall decide the dispute as *amiable compositeur* or *ex aequo et bono*. The arbitrator’s decision shall be final, binding and not subject to appeal.

- 8.2 The law applicable to the arbitration proceedings and to this Agreement shall be the law of the District of Columbia, U.S.A.

## ARTICLE IX GENERAL PROVISIONS

- 9.1 The Parties agree to observe the highest ethical standards and administrative transparency in all actions and activities related to this Agreement. In addition, the GS/OAS, to the extent applicable and without prejudice to its privileges and immunities referred to in Article VII, and AMTA agree to comply with the provisions of the Inter-American Convention Against Corruption and with the applicable norms of the country in which the Project is executed. Failure to comply with this provision shall constitute grounds for anticipatory termination of this Agreement, pursuant to Article 9.5.
- 9.2 Nothing in this Agreement shall be construed as creating between the Parties employment or commercial relations of any kind, nor does the GS/OAS assume any civil, contractual or non-contractual liability in connection with this Agreement and the activities carried out hereunder. The GS/OAS is not responsible for providing social security, workmen's compensation, health, accident and life insurance, vacation leave, sick leave, or any other such emoluments for AMTA and its employees under this Agreement. AMTA is solely responsible for providing those benefits, and the Parties have agreed upon the Contribution hereunder to enable AMTA to satisfy that responsibility. AMTA does not legally represent the GS/OAS, it shall not hold itself out as having such powers of representation, and shall not sign commitments binding the GS/OAS.
- 9.3 Modifications to this Agreement may only be made by mutual agreement in writing by the duly authorized representatives of the Parties. The instruments in which the modifications are set out shall be attached as annexes to this Agreement and shall form part hereof.
- 9.4 This Agreement shall enter into force upon signature by the duly authorized representatives of the Parties and shall remain in force throughout the execution of this Project until the **31st day of December of 2021**. However, the Parties may extend the duration of this Agreement by mutual written consent expressed by their duly authorized representatives.
- 9.5 This Agreement may be terminated by mutual consent or by either of the Parties by written notice from one to the other with not less than thirty (30) days' notice. Notwithstanding the termination of this Agreement, the activities planned that have been duly financed shall be continued to completion, unless the Parties mutually decide otherwise. Termination shall not give any right to compensation, and AMTA shall reimburse within thirty (30) days all unspent funds to the GS/OAS upon termination.
- 9.6 Articles V, VI, VII, VIII, and 9.2 shall survive the expiry or the termination of this Agreement.



IN WITNESS WHEREOF, the undersigned, being duly authorized, have signed this Agreement on the date and at the place indicated below:

**FOR THE AMERICAN MODELING  
TEACHERS ASSOCIATION:**

**FOR THE GENERAL SECRETARIAT OF  
THE ORGANIZATION OF AMERICAN  
STATES**



**William Thornburgh**  
Executive Officer

**Place:** Shelbyville, KY

**Date:** 5/6/21



**Kim Osborne**  
Executive Secretary for Integral Development

**Place:** Washington, D.C., USA

**Date:** 8/5/21

**SEED GRANT COOPERATION AGREEMENT  
ANNEX I: DISBURSEMENT TERMS AND CONDITIONS**

This Annex establishes the terms and conditions under which the ITEN Seed Grant will be disbursed by the General Secretariat of the Organization of American States (hereinafter “GS/OAS”), to the American Modeling Teachers Association, (hereinafter “AMTA”).

Funds will be disbursed in two installments under the following conditions:

**A) First installment**

- i. The first installment shall be disbursed within thirty (30) days of proper receipt by the GS/OAS of the following documents:
  - a. Fully executed electronic copy of the Cooperation Agreement between the GS/OAS and the AMTA (The Agreement) and Annex I
  - b. Invoice in institutional letterhead addressed to the Department of Human Development, Education and Employment (DHDEE), and the Coordinator identified in Article 4.1 of the Agreement
  - c. Vendor Form
  - d. Bank Verification Documents
  - e. Tax Registration Documents
- ii. The first installment will represent 50% of the total Contribution amount of USD \$10,000 to be contributed by the GS/OAS.
- iii. The first installment will be deposited by the GS/OAS in the bank account provided by AMTA.

**B) Second and final installment**

- i. The second installment shall be deposited by the GS/OAS within thirty (30) days of final approval of proofs presented by AMTA described in paragraph (B)(ii) of this Annex and an invoice in institutional letterhead addressed to the DHDEE, and the Coordinator identified in Article 4.1 of the Agreement.
- ii. The second installment shall be disbursed by the GS/OAS to AMTA upon satisfactory presentation of the following documents, as stated in the Project Work Plan and Budget of the Project Proposal and contained within Annex II of this Agreement:
  - a. Final workshop execution report:
    1. List of workshop participants (name, institution, and attendance records).
    2. Detailed workshop syllabus.
    3. Brief narrative evaluation report detailing perceived effectiveness of the workshop based on observed participant interaction and responsiveness and results of an evaluation survey co-developed between the OAS and AMTA.

- iii. The second installment will represent the remaining 50% of the total amount to be funded by the GS/OAS.
- iv. The second installment will be deposited by the GS/OAS in the bank account provided by AMTA.

**C) Execution and Final Product:**

- i. In the event that the GS/OAS determines that execution of the Project and the delivery of its final products do not follow the plan and goals stated in this Agreement and its Annexes, AMTA shall return to the GS/OAS the full amount of the Contribution within thirty (30) days of receiving notice from the GS/OAS, and according to instructions provided by the Organization.
- ii. In the event that the Agreement is terminated per Article 9.5 of the Agreement, by mutual consent or by written thirty (30) days' notice from one Party to the other, AMTA shall return the amount of funds agreed by the Parties, within thirty (30) days of reaching consent or receiving/issuing notice, in accordance with instructions provided by the GS/OAS.
- iii. If funds must be returned, in full or in part, per the terms of the Agreement, and AMTA fails to return such funds, then AMTA may be prevented from participating in future ITEN and/or OAS related activities.

# ITEN Seed Grant Application Form

Dear Applicant,

To apply for an ITEN Seed Grant, please read the following instructions carefully before starting your application. Complete this application form and submit it along with the required documents. Applications will be reviewed on a rolling basis from 1 March to 1 May 2021, or until all funds have been awarded.

## INSTRUCTIONS:

STEP 1: Review questions on this form and the required supporting documents.

STEP 2: Draft your answers to the questions in this form on a separate file. Download Project Work Plan & Budget and Logic Model templates and complete them as necessary. Save all files to your computer.

STEP 3: Fill out this form with previously drafted answers and upload Project Work Plan & Budget and Logic Model.

STEP 4: Review your answers, ensure supporting documents were properly uploaded and SUBMIT. Once form is submitted it can no longer be changed. ITEN will only consider one application per institution.

## REQUIRED SUPPORTING DOCUMENTS:

a. PROJECT WORK PLAN & BUDGET – Click on this link [[shorturl.at/syIJO](https://shorturl.at/syIJO)] for template, download file as an Excel spreadsheet, save to your computer, and upload the completed document under section titled "Project Work Plan & Budget" of this application. Project activities should begin no earlier than 1 May 2021 and end no later than 31 December 2021.

b. LOGIC MODEL - Click on this link [[shorturl.at/bdpAQ](https://shorturl.at/bdpAQ)] for template, download file as a Word file, save to your computer, and upload the completed document under section titled "Logic Model" of this application.

--> --> NOTE: If your application for a Seed Grant is awarded, you will be required to submit a draft Cooperation Agreement and financial documents to ITEN within 5 business days following reception of the award letter. Failure to do so may result in termination of the award. Please refer to Call for Proposal [[shorturl.at/jENR6](https://shorturl.at/jENR6)] for a list of required documents, download templates and where to submit them. <-- <--

Deadline for submitting this application is May 1st, 2021.

If you have any questions or concerns regarding the application process, contact ITEN Grants & Events Coordinator Patricia Moraes, at [pmoraes@oas.org](mailto:pmoraes@oas.org), with the subject line: QUESTIONS – ITEN SEED GRANT APPLICATION.

Best of luck,  
The ITEN Team

**COUNTRY:** Country where institution is located \*

United States

**INSTITUTION:** Please provide the name of the applying institution, official address and a brief description of the institution: mission, main stakeholders (teachers, students, policy makers, etc.), and primary activities. \*

American Modeling Teachers Association  
P.O. Box 11, Shelbyville, Kentucky 40066

**Mission:** Our mission is to provide professional development for teachers in the Modeling Method of Instruction, to provide resources that support the use of Modeling Instruction(TM) in physics, chemistry, biology, mathematics and middle school science classrooms, and to support and enable collaboration among Modelers. (Learn more at <https://www.modelinginstruction.org/>)

**Stakeholders:** STEM Teachers, STEM Teacher Education Programs

**Primary Activities:** Membership organization, summer workshops

**CONTACT INFORMATION OF INSTITUTIONAL REPRESENTATIVE RESPONSIBLE FOR THIS APPLICATION:**

Name, Title, and E-mail Address of Institution Representative responsible for this application \*

William Thornburgh, Executive Officer, [amtaexec@modelinginstruction.org](mailto:amtaexec@modelinginstruction.org)

**PARTICIPANTS AND PARTNERS:** Briefly identify persons and/or partners by name, title, and role on the project for anyone who will be involved in the execution of this project. \*

William Thornburgh, Executive Officer, AMTA. William will be responsible for arranging for the workshop (recruiting workshop leaders, ensuring technical preparation to allow for the digital workshop, and providing a final evaluation to the OAS about the effectiveness of the program).

John Williams, Education Officer, The Department of Education, Nevis. John will be responsible for recruiting teachers from the island of Nevis to participate, and to support a report on how teachers are responding to the workshop.

## SEED GRANT PROJECT PROPOSAL

All questions in this section refer to the project proposal to be financed by the ITEN Seed Grant. If this proposal seeks to finance a portion of a larger project that is receiving financing from other institutions, please indicate so on your application and identify which activities will be financed by the Seed Grant directly and why additional funding is required.

**PROPOSAL SUMMARY:** Provide a brief summary of your Seed Grant project proposal, including the problem it aims to address, activities to be executed, intended outcomes and potential partners (500 characters max). \*

**Background:**

The Ministry of Education in St. Kitts and Nevis is currently undergoing system wide reform of their curriculum under the theme "Education for All: Embracing Change, Securing the Future." One of the fundamental goals of this initiative is to develop curricula that "strengthens the quality and relevance of education at all levels to improve learning outcomes". With this in mind, an effort is being made to ensure that all curricula are geared towards more student-centered instructional methods that incorporate 21st century learning skills.

In this regard, the learning outcomes in the enhanced science curriculum require more student involvement through investigation, collaboration and application of the engineering design processes. This of course is a shift from the traditional methods previously used for teaching science in their schools. Their reality is that the teachers have very little exposure to training in student centered instructional methods and also generally struggle with science. It has therefore become necessary to implement initiatives that build the capacity of or teachers to meet the expectations of the enhanced curriculum.

**The project:**

**Goals:** 1) To provide training in Modeling Instruction for 'resource teachers' in middle schools who in turn can assist in providing support in respective schools.

2) To identify resources that can be used to assist teachers in planning and executing student-centered lessons aligned with curriculum expectations.

**Activity:** Enrollment of Science Resource teachers in Modeling Instruction Workshop with the American Modeling Teachers Association (AMTA).

**Expected Outcomes:**

1) Successful completion of training in middle school Modeling Instruction

2) Trained participants should implement modeling instructional methods in lessons

3) Trained participants should be able to assist in national development and support

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**PROBLEM STATEMENT:** What problem or issue in STEM teacher education does this project propose to solve for the participating institutions? (500 characters max) \*

Previously, Science in the federation of St. Kitts and Nevis was taught using traditional, predominantly lecture style, teaching methods. Typically, this meant that teachers taught the same content using fixed experiments with known outcomes. The result has been a gradually decline in interest in Science (especially Physical Science), and inability to retain and/or apply knowledge in relevant situations. Additionally, the country reports experiencing a general decline in critical thinking ability and willingness to collaborate and share.

The expectations of the enhanced curriculum require a shift towards student-centered instruction. This in their context has presented challenges for their teachers, as their prior training focused primarily on teacher centered approaches to instruction. Additionally, the capacity for training locally is limited in this area.

This project is intended as a key step in building the capacity of their teachers in being able to design and execute lessons that encourage, meaningful investigation, and develop the critical thinking ability of their students through STEM methods.

**PROPOSED SOLUTION:** How does this project aim to solve the problem stated above? Outline main goals (500 characters max) \*

This project is intended to provide a specified group of teachers with training in modeling instruction in Science. With this training they will have the capacity to implement Student-centered strategies in the classroom as well as assist and support their colleagues. The main goals of the project (as previously mentioned) are:

- 1) To provide training in Modeling Instruction for 'resource teachers' in middle schools who in turn can assist in providing support in respective schools.
- 2) To identify resources that can be used to assist teachers in planning and executing student-centered lessons aligned with curriculum expectations.

**TEACHER PERSPECTIVE:** How does the proposed solution incorporates the perspectives of Teacher Educators and Classroom Teacher? \*

This project is intended to directly impact teaching and learning of Science. The Resource teachers in our system are the lead teachers in each school who provide support in the respective subject discipline. As such, their direct involvement in the training allows them to share and embed their perspectives in modeling instruction delivery.

Additionally, workshops provided by the American Modeling Teachers Association are led by teachers, for teachers. All workshop leaders are (or have been) experienced middle school classroom teachers.

**ACTIVITIES:** Briefly summarize proposed activities required to achieve proposed solution. NOTE: All activities must be concluded by Dec 31st, 2021. (500 characters max) \*

Selected teachers are expected to attend and successfully complete the AMTA modeling instruction workshop from July 12th to 29th 2021. Following which they will implement learned practices in their lessons. This process will be monitored by the the Department of Education until December 10th 2021.

**OUTCOMES:** What are the concrete outcomes or products this project intends to produce by December 31, 2021? (500 characters max) \*

- 1) Successful completion of the course
- 2) Ability to effectively implement learnt strategies in lessons
- 3) Provision of support to colleagues based on strategies learned

**MEASURING FOR SUCCESS:** What measurement or metric will you use to determine if your Seed Grant has achieved its objective? (500 characters max) \*

Ongoing observation of trained teachers by Ministry and Department officials, as reported by Nevis to AMTA (and the OAS).

**LONG TERM IMPACT:** Explain how achieving the objectives and outcomes of this proposal will have a sustained impact over time for the participating institutions and their main stakeholders. (500 characters max) \*

The teacher selected for this training initiative are 'resource teachers' for science in the primary schools around the island. In this context, those are the teachers who assist in providing support in each school. They will therefore be required to assist in providing ongoing guidance for teachers in developing student-centered approaches to teaching science through Modeling Instruction.

**ADDITIONAL INFORMATION:** Is there any additional information about this Seed Grant proposal that you would like the reviewers to know? \*

More information on the workshop can be found at <https://www.modelinginstruction.org/introduction-to-modeling-instruction-in-middle-school/>



**SHARE OUT:** Please explain how you plan to share-out outcome and learnings from this project with the network. Please refer to the Call for Proposals for examples. (500 characters max) \*

A report will be compiled giving a detailed summary of the project. A portfolio will also be put together documenting the activities and experiences of the teachers throughout the training period.

### REQUIRED SUPPORTING DOCUMENTS

Applicants must submit a Work Plan & Budget and Logic Model as part of their application using the respective templates provided by ITEN. Templates can be accessed through the links above. Please complete documents and upload files below.

**PROJECT WORK PLAN & BUDGET:** Upload a completed Project Work Plan & Budget using the ITEN template, which can be found by accessing the link: [\[shorturl.at/sylJO\]](https://shorturl.at/sylJO) \*

 Project Work Pla...

**LOGIC MODEL:** Upload a completed Logic Model using the ITEN template, which can be found by accessing the link: [\[shorturl.at/uvM26\]](https://shorturl.at/uvM26) \*

 Logic Model SKN...

**ADDITIONAL DOCUMENTS:** Use this section to upload any supporting document that may strengthen your application

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**ITEN Seed Grants**  
**Project Work Plan and Budget**

**PROJECT TITLE:** Capacity building in modeling instruction for middle school teachers in St. Kitts and Nevis  
**EXPECTED PROJECT START DATE:** July 12th 2021  
**EXPECTED PROJECT END DATE:** December 10th 2021

Project Work Plan and Budget							
Expense	Activity related to expense	Activity Timeline/ Due Date	Person Responsible	Total Estimated Cost	Amount Requested to ITEN/OAS (max. US\$ 10,000)	In-Cash or In- Kind Contribution by Participating Institutions	Additional Notes
Training Costs	Modeling instruction Course for teachers	July 29th 2021	AMTA	\$ 10,075.00	\$ 10,000.00	\$ 75.00	Cost of \$775 per participant for 13 teachers for a three-week synchronous workshop on Middle School Modeling Instruction.
				\$ -	\$ -	\$ -	
				\$ -	\$ -	\$ -	
				\$ -	\$ -	\$ -	
				\$ -	\$ -	\$ -	
				\$ -	\$ -	\$ -	
				\$ -	\$ -	\$ -	
				\$ -	\$ -	\$ -	
				\$ -	\$ -	\$ -	
				\$ -	\$ -	\$ -	
<b>SUBTOTAL</b>				<b>\$ 10,075.00</b>	<b>\$ 10,000.00</b>	<b>\$ 75.00</b>	
<b>GRAND TOTAL</b>				<b>\$10,075.00</b>	<b>\$ 10,000.00</b>	<b>\$ 75.00</b>	If cell E82 (amount requested to ITEN/OAS) becomes red, please revise budget proposal and grant requested. This amount should not be greater than USD 10,000.00.

**PROBLEM STATEMENT:** What is the problem that your team is trying to solve?

Previously, Science in the federation of St. Kitts and Nevis was taught using traditional, predominantly lecture style, teaching methods. Typically, this meant that teachers taught the same content using fixed experiments with known outcomes. The result has been a gradually decline in interest in Science (especially Physical Science), and inability to retain and/or apply knowledge in relevant situations. Additionally, the country has reported experiencing a general decline in critical thinking ability and willingness to collaborate and share.

With the onboarding of the new curriculum which encourages a student-centered approach to instruction, comes the challenge of adopting teaching methods that were never learnt or experienced by our teachers. Additionally, there is a limitation of local capacity in the federation to effectively train our teachers in student-centered learning approaches.

This project is intended as a key step in building the capacity of our teachers in being able to design and execute lessons that encourage, meaningful investigation, and develop the critical thinking ability of our students through STEM methods.

**OBJECTIVE(s):** What is your rationale? How will achieving your goal help to solve the problem you have identified? Objectives should be specific and measurable levels of achievement that may change with time.

Enrolment of teachers in modeling instruction workshop supports the transition to student-centered instruction as outlined by the locally enhanced curriculum. It also will equip teachers with skills necessary to navigate the paradigm shift.

**GOAL(s):** Expected Project Team product at the end of the 6-month cycle, as well as longer term goals if desired.

- 1) To provide training in modelling instruction for 'resource teachers' in middle schools who in turn can assist in providing support in respective schools.
- 2) To identify resources that can be used to assist teachers in planning and executing student-centered lessons aligned with curriculum expectations.

**Internal Process**

**Resources**  
(What you need)  
Financial Assistance

**Activities**  
(What you do)  
Professional Development (workshops for middle school teachers)

**External Results**

**1 year**  
(Further actionable products)

Recipients of training should be able to employ new knowledge and skill in active instruction. They should also be able to assist in providing support and training for other teachers in the system.

**6-months**  
(What your Team produces)

Development of New skills, ideas and attitudes towards student-centered Learning initiatives.

**3-5 years**  
(Impact)

There should be evidence of modeling instruction in the classrooms directly linked to positive observable changes in student interest, performance and response to Science instruction.

