

Belize to US Grade Level Conversions

Belize Pre-K = US Grades K-3
Belize Primary School = US Grades 4-8
Belize HS = US Grades 9-12

Schedule for the Week

Each Day Begins with a Soft Start
8:45 - 9:00 am
Daily Overview & Questions

Monday & Tuesday are designed for High School. (US Grades 9-12)
Wednesday & Thursday are designed for Belize Primary. (US Grades K-8)
Friday will have interest strands for all grade levels.

Monday, July 5 **(Belize HS / US Grades 6-12)**

Monday's sessions will be divided into two grade-level tracks :
Energy - High School (US Grades 9-12)
Water - Primary School (US Grades 4-8)

"Energy That Works for a Green Economy"

Dr. Jennifer Campbell-Smith & General Electric Renewable Energy

- 9:00 - 10:15 am - A Story to Inspire & Inform: Told by Dr. Campbell-Smith, her students, and representatives from GE Renewable Energy. (Story, Discussion, Q & A)
- 10:30 - 11:30 am - The Approach: A deeper dive into the approach - Student Driven / Teacher Facilitated / GE Inspired and Informed
- 11:30 am - 12:00 pm Q & A: Belizean Teachers discuss ideas for what this may look like in their communities and what they need to know to design their own experiences.

In the afternoon, teachers are divided into smaller groups and they design their own learning adventure inspired and informed by "Energy That Works for a Green Economy."

- 1:00 - 1:15 pm - Setting Goals for the Afternoon Session and Assign Breakout Rooms
- 1:15 - 2:15 pm - Teachers Collaborate in Designing PBL Adventures to be used in the Fall for their school.
- 2:30 - 3:30 pm - Teachers Present their Collaborative Work and PBL Design. Peers will provide key feedback and suggestions for improvement.
- 3:30 - 3:45 - Beyond the One and Done: Participants will discuss sustainability and schedule follow up sessions for the Fall to discuss and review progress on their PBL implementation.

"Water is for Everyone"

Brittany Lang & Anil Chopra

- 9:00 - 10:15 am - A Story to Inspire & Inform: Told by Brittany Lang/Anil Chopra, her students, and representatives from Water is for Everyone. (Story, Discussion, Q & A)
- 10:30 - 11:30 am - The Approach: A deeper dive into the approach - Student Driven / Teacher Facilitated / Student Inspired and Informed
- 11:30 am - 12:00 pm Q & A: Belizean Teachers discuss ideas for what this may look like in their communities and what they need to know to design their own experiences.

In the afternoon, teachers are divided into smaller groups and they design their own learning adventure inspired and informed by "Water is for Everyone."

- 1:00 - 1:15 pm - Setting Goals for the Afternoon Session and Assign Breakout Rooms
- 1:15 - 2:15 pm - Teachers Collaborate in Designing QUEST Adventures to be used in the Fall for their school.
- 2:30 - 3:30 pm - Teachers Present their Collaborative Work and QUEST Design. Peers will provide key feedback and suggestions for improvement.
- 3:30 - 3:45 - Beyond the One and Done: Participants will discuss sustainability and schedule follow up sessions for the Fall to discuss and review progress on their QUEST implementation.

Tuesday, July 6

(Belize HS / US Grades 6-12)

Morning Sessions

FIVE Cs

1. Critical Thinking & Problem Solving
2. Communication
3. Collaboration
4. Citizenship (global and local)
5. Creativity & Innovation

Extra Credit: Compassion

9:00 - 10:15 am - Panel Discussions: Led by teachers and Belizean Business/Industry SME who have stories to tell and strategies for implementation with the 5 Cs.

Professional Choice Boards

Teachers will have the opportunity to attend two breakout rooms from the choices below.

10:30 - 11:15 am - Five Breakout Rooms (One for Each C): Teachers design learning experiences inspired and informed by the panel discussions

11:20 am - 12:00 pm - Five Breakout Rooms (One for Each C): Teachers design learning experiences inspired and informed by the panel discussions

Afternoon Sessions

21st-Century Skills

1:15 - 2:30 pm - Panel Discussions: Led by teachers and Belizean Business/Industry SME who have stories to tell and strategies for implementation of 21st-Century Skills.

Professional Choice Boards

Teachers will have the opportunity to attend one breakout room to do deeper dives

2:40 - 3:30 pm - Breakout Rooms: Teachers design learning experiences inspired and informed by the panel discussions

3:35 - 3:45 pm - Daily Summary and Prep for Tomorrow

Wednesday, July 7

Belize Primary (US Grades K-5)

Wednesday's sessions will be divided into tracks : (teachers choose one)

1. "Project Giving Gardens"
2. "Biomimicry"

"Project Giving Gardens"

Laura Arndt & Global GreenSTEM

- 9:00 - 10:15 am - A Story to Inspire & Inform: Told by Laura Arndt, her students, and representatives from Global GreenSTEM. (Story, Discussion, Q & A)
- 10:30 - 11:30 am - The Approach: A deeper dive into the approach - Student Driven / Teacher Facilitated / Student Inspired and Informed
- 11:30 am - 12:00 pm Q & A: Belizean Teachers discuss ideas for what this may look like in their communities and what they need to know to design their own experiences.

In the afternoon, teachers are divided into smaller groups and they design their own learning adventure inspired and informed by "Project Giving Gardens."

- 1:00 - 1:15 pm - Setting Goals for the Afternoon Session and Assign Breakout Rooms
- 1:15 - 2:15 pm - Teachers Collaborate in Designing QUEST Adventures to be used in the Fall for their school.
- 2:30 - 3:30 pm - Teachers Present their Collaborative Work and QUEST Design. Peers will provide key feedback and suggestions for improvement.
- 3:30 - 3:45 - Beyond the One and Done: Participants will discuss sustainability and schedule follow up sessions for the Fall to discuss and review progress on their QUEST implementation.

"Biomimicry"

Sam Stier & The Center for Learning with Nature

- 9:00 - 10:15 am - A Story to Inspire & Inform: Told by Sam Stier, and representatives from Center for Learning with Nature. (Story, Discussion, Q & A)
- 10:30 - 11:30 am - The Approach: A deeper dive into the approach - Student Driven / Teacher Facilitated / Student Inspired and Informed
- 11:30 am - 12:00 pm Q & A: Belizean Teachers discuss ideas for what this may look like in their communities and what they need to know to design their own experiences.

In the afternoon, teachers are divided into smaller groups and they design their own learning adventure inspired and informed by "Biomimicry."

- 1:00 - 1:15 pm - Setting Goals for the Afternoon Session and Assign Breakout Rooms
- 1:15 - 2:15 pm - Teachers Collaborate in Designing Design Challenge Adventures to be used in the Fall for their school.
- 2:30 - 3:30 pm - Teachers Present their Collaborative Work and Design Challenge Design. Peers will provide key feedback and suggestions for improvement.

- 3:30 - 3:45 - Beyond the One and Done: Participants will discuss sustainability and schedule follow up sessions for the Fall to discuss and review progress on their Design Challenge implementation.

Thursday, July 8

Belize Primary (US Grades K-5)

Morning Sessions

FIVE Cs

1. Critical Thinking & Problem Solving
2. Communication
3. Collaboration
4. Citizenship (global and local)
5. Creativity & Innovation

Extra Credit: Compassion

9:00 - 10:15 am - Panel Discussions: Led by teachers and Belizean Business/Industry SME who have stories to tell and strategies for implementation of the 5Cs.

Professional Choice Boards

Teachers will have the opportunity to attend two breakout rooms from the choices below.

10:30 - 11:15 am - Five Breakout Rooms (One for Each C): Teachers design learning experiences inspired and informed by the panel discussions

11:20 am - 12:00 pm - Five Breakout Rooms (One for Each C): Teachers design learning experiences inspired and informed by the panel discussions

Afternoon Sessions

21st-Century Skills

1:15 - 2:30 pm - Panel Discussions: Led by teachers and Belizean Business/Industry SME who have stories to tell and strategies for implementation of 21st-Century Skills.

Professional Choice Boards

Teachers will have the opportunity to attend one breakout room to do deeper dives

2:40 - 3:30 pm - Breakout Rooms: Teachers design learning experiences inspired and informed by the panel discussions

3:35 - 3:45 pm - Daily Summary and Prep for Tomorrow

Friday, July 9

Belize Primary/HS (US Grades K-12)

Connecting with Industry Experts

The Right Questions to Ask? How Can I Better Engage Local Experts in My Classroom?

9:00 - 9:45 am

Strand One: High School (US Grades 9-12) - Martian Greenhouse [LINK](#)

Strand Two: Primary School (US Grades 4-8) - Belizean Connections

Strand Three: Pre-K (US Grades K-3) - Play Planning / Organized Play with Elena Bedrova

9:50 - 10:35 am

Strand One: High School (US Grades 9-12) - Visa "Future Me"

Strand Two: Primary School (US Grades 4-8) - Belizean Connections

Strand Three: Pre-K (US Grades K-3) - Play Planning / Organized Play with Elena Bedrova

Experiential Learning

How to Use Real World Experiences to Teach Subject Matter to Students

10:40 - 11:30 am

Strand One: High School (US Grades 9-12) - Caribbean Perspectives

Strand Two: Primary School (**US Grades 4-8**) - Belizean Innovative Learning Adventure
Strand Three: Pre-K (**US Grades K-3**) - Using Music for Learning with [Juliette Burrowes](#)

Lunch Break - 12:00-1:00 pm

1:00 -1:45 pm

Strand One: High School (**US Grades 9-12**) - Virtual Fields Trips
Strand Two: Primary School (**US Grades 4-8**) - The Sweet Sounds of Science [LINK](#)
Strand Three: Pre-K (**US Grades K-3**) - Pawthestics / 3D Printing

2:00 - 3:30 pm

Celebration of Global Learning

- Speed Dating - Get to Know You - 5 X 5 Breakout Rooms "Give One / Get One"
- Conference Highlights

Reflections & Connections

- Survey of Conference
- Sharing What Worked
- What Now?

Registration: US Teachers/Participants

- [US Educator Summer Event Registration LINK](#)
- [*Colorado School of Mines \(CSM\) Tuition LINK](#)

*** You can participate in any part of the Teacher Professional Learning Experience without applying for CSM credit. The Colorado School of Mines credit is optional and can even be variable according to contact hours.**

Contact Gregg Cannady to receive pre-conference information, resources, and a chance to discuss your involvement.
gregg.cannady@stemk12.org

Course Expenses:

- CSM Tuition: 2 credits (30 contact hours, tuition \$105), 1 credit (15 contact hours, tuition \$58), and 0.5 credit (7.5 contact hours, tuition \$42)
- PathLight International Registration Application Fee: \$60.00

Pre-Conference Professional Learning Orientation

Teacher Roles: Facilitator or Teacher

Consuelo Godfrey (M.Ed.), Director of Teacher Training for PathLight International, and Anne Tweed, Director of STEM Learning Solutions, LLC in Denver, will be joining these meetings to discuss strategies to be implemented at teacher training in Belize. These ZOOM meetings are optional. All teachers registered will be invited to attend. (Dates & Times TBA)

About Belize: A Gift from Belize to the US Teachers. [LINK](#)

GOAL: To understand the QUEST approach before applying it during the conference.

Fundraising to Support this Teacher Professional Learning Experience

Your donations to One Voice 4 Change will be used to raise funds for the following:

- Stipends to Support 20 US Teachers in Designing the Event / Pre-Conference (\$200.00 each)
- Subscriptions to ZOOM Professional Licences (\$1,000.00)
- Honorariums for US Educational Experts Attending (\$700.00)
- **Teacher Grants to Implement Lessons Designed at this Teacher Professional Learning Event. (\$200.00 - \$500.00 Grants)

TOTAL NEEDED: \$7,000.00

GREAT NEWS!

Combined donations received will be matched up to a total of \$2,000.00. If our donors raise \$2,000.00, matching donations mean that \$4,000.00 will be available to support Learning Together, Learning Forward.

**If we raise more than \$7,000.00, we can support partnerships in learning, including additional grants for teachers to implement lessons that create world-wide educational partnerships that inspire learning and global citizenship. These grants will cover maker spaces, materials, and other expenses directly related to the vision and mission of One Voice 4 Change.



Question



Uncover



Explore



Solve



Teach



[TTC 2021 - Pre-Conference Information](#)