

GLOBAL EDUCATION TEACHER SUMMIT 2023



GET. SUMMIT

~ KAZAKHSTAN ★ 2023 ~



INTRODUCTION

Democratizing Education	<ul style="list-style-type: none"> ● Decentralizing education ● Free choice of educational options ● Ease of access and teacher and students' creativity ● Student autonomy and voice, equal to teachers
Internationalizing Education	<ul style="list-style-type: none"> ● Global education strategies ● Teaching and learning that involves international cultures ● Enhancing globalized learning-global competence ● Culturally and linguistically responsive practices
Digitizing Education	<ul style="list-style-type: none"> ● Using digital advanced technology to teach students of all ages-cellphones, internet, software programs, etc. ● Blended learning ● Hybrid classroom management
Teacher Education	<ul style="list-style-type: none"> ● Equipping teachers with knowledge, attitudes, behaviors and approaches, methodologies, and skills required to perform effectively in all aspects of education in and outside the classroom
STEM	<ul style="list-style-type: none"> ● Science, Technology, Engineering, and Math. ● Emphasis on innovation, problem-solving, and critical thinking. ● New ways of looking at Math ● Women in STEM fields ● Logic, functional grammar
Optimizing Education Olympiad Movement	<p>Strategies of innovative learning</p> <p>Focus on students with exceptionalities and gifted students</p> <p>Olympiads are the means for students to compete with other students on a similar educational level. Such exams promote the learning of skills in subjects like mathematics, science, computer technology or English language among students.</p> <p>Olympiads provide participating candidates with an exposure to the competitive world to hone their learning skills on national or international levels. Such exams play an important role in evaluating students' performance with their peers across the country</p> <p>Competition among students, preparing students for national and international level</p> <p>Global competition</p> <p>PISA and the OECD</p> <p>Competitive schools</p>

Astana, Day 1, October 5, 2023

TEACHERS' SUMMIT

World Teachers and Experts Workshops at BINOM School

Venue: BINOM School

08:30-09:00	Registration at BINOM School		
09:00-09:15	Welcome Remarks at BINOM School		
	MATH TRACK	GLOBAL TEACHERS TRACK	
09:15-10:30	<p>Study of Teaching Mathematics of OECD Countries and Its Implications for Effective Mathematics Instruction</p> <p>Clea Fernandez</p>	<p>Master Class: How to Develop Students' Cross-Border and Inter-Cultural Academic Experience</p> <p>Akash Patel</p>	09:15-10:00
10:30-11:45	<p>Brief Overview of Lesson study and Teaching Through Problem Solving (TTPS): Why They are Important.</p> <p>Yoshida Makoto</p>	<p>Generation Z: Born to Be Digital</p> <p>Ranjit Disale</p>	10:00-11:00
11:45-12:00	BREAK	BREAK	11:00-11:20
		<p>Rural vs. Urban education - Teaching Children in Poverty and Teaching in Overcrowded Classrooms</p>	11:20-12:00

		Evans Odesi	
12:00-13:00	<p>Open Lesson – Global Teachers “Writing for Social Justice”</p> <p>Keishia Thorpe Global Teacher Prize Winner 2021</p>		12:00-13:00
13:00-14:00	LUNCH		13:00-14:00
14:00-15:00	<p>Open Lesson “Mathematics Research Lesson”</p> <p>Bill Jackson</p>		14:00-15:00
15:00-15:40	<p>Post Lesson Discussion</p> <p>Moderator: Dr. Treisha Thorpe</p>	<p>STEAM: Climate Education - Take Genuine Action for the Survival of Our Planet, Part I</p> <p>Olusegun Adeniyi</p>	15:00-16:00
15:40-16:00	BREAK		
16:00-18:00	<p>Learn More About Lesson Study:</p> <ul style="list-style-type: none"> • Goals of lesson study and research lessons • Teaching through problem solving (TTPS) Instruction • 5 practices for orchestrating productive mathematics discussions (anticipating, monitoring, selecting, ordering, and connecting) • Bansho (board writing) and notetaking 	<p>STEM Pedagogies that Unite Classroom and Students from Different Social Groups</p> <p>Kavita Sanghvi</p>	16:00-17:00
		<p>Together to the Top: How to Create an Olympiad Movement in Schools</p> <p>Muammer Gul</p>	17:00-18:00

	Makoto Yoshida / Bill Jackson / Clea Fernandez		
18:00-18:30	Q&A and Reflection of the Day Makoto Yoshida / Bill Jackson / Clea Fernandez	Post Lesson Discussion Moderator: Dr. Treisha Thorpe	18:00-18:30

Astana, Day 2, October 6, 2023

TEACHERS' SUMMIT

World Teachers and Experts workshops at BINOM School

Venue: BINOM School

Planting of trees in the "Alley of Teachers of the World" in the BINOM School with the participation of the *Global Teacher Prize Winners*, Nobel laureates, and the best teachers of Kazakhstan.

08:30-09:00	Registration at BINOM School	
09:00-09:15	Welcome Remarks at BINOM School	
09:15-10:30	Mathematics Education from Another World: Case study of Japanese Math Lessons Prof. Avraam Arcavi	Open Lesson – Global Teachers Social Emotional Learning, Health and Wellness: An interactive Session (real time classroom strategies to manage social and emotional health) Dr. Treisha Thorpe

	MATH TRACK	GLOBAL TEACHERS TRACK	
10:30- 10:50	<p>Learn How to Plan Research Lessons (1)</p> <ul style="list-style-type: none"> • Goals of lesson study and research lessons • Research-Lesson lesson plan format • Choosing topics for research lesson • Kyozaikenkyu (Study of instructional materials) <p>Makoto Yoshida / Bill Jackson</p>	<p>STEAM: Climate Education - Take Genuine Action for the Survival of Our Planet, Part II</p> <p>Olusegun Adeniyi</p>	10:00- 11:00
10:50- 11:00	BREAK	BREAK	
11:00- 12:30	<p>Learn How to Plan Research Lessons (2)</p> <ul style="list-style-type: none"> • 5 practices for orchestrating productive mathematical discussions • Bansho (Board writing/organization) and notetaking <p>Makoto Yoshida / Bill Jackson</p>	<p>Pedagogy for Children with Special Needs Inside and Beyond the Classroom</p> <p>Vineeta Garg</p> <p>Panel for Open Discussion: Vineeta Garg Askhat Zhumabekov</p> <p>Moderator: Dr. Clair Nelson</p>	11:00- 12:30
12:30- 14:00	LUNCH	LUNCH	12:30- 14:00

14:00- 15:00	<p>Developing Research Lessons (1)</p> <ul style="list-style-type: none"> • Kyozaikenkyu (Study of instructional materials) • Establish goals of research lesson <p>Makoto Yoshida / Bill Jackson</p>	<p>Digital Literacy Lessons for Teachers</p> <p>Phuti Ragophala</p>	14:00- 15:00
15:00- 16:50	<p>Developing Research Lessons (2)</p> <ul style="list-style-type: none"> • Developing “flow of the lesson” using 5 practices for orchestrating productive mathematics discussions <p>Makoto Yoshida / Bill Jackson</p>	<p>Teacher Leadership and Parent and Community Engagement</p> <p>Panelists: Dr. Claire Nelson / Dr. Carlos Beato / Kavita Sanghvi</p> <p>Moderator: Dr. Treisha Thorpe</p>	15:00- 17:00
16:50- 17:00	BREAK	BREAK	
17:00- 18:00	<p>Sharing and Discussing Research Lessons</p>	<p>How to Become the Teacher You've Always Dreamed of Becoming</p> <p>Gulnara Salmen / Gabit Kuralai</p> <p>Moderator: Akash Patel</p>	17:00- 18:00
18:00- 18:30	<p>Q&A and Reflection of the Day</p> <p>Makoto Yoshida / Bill Jackson / Clea Fernandez</p>	<p>Post Lesson Discussion</p> <p>Moderator: Dr. Treisha Thorpe</p>	18:00- 18:30

18:20-
20:00

PIANO CONCERT

**Location:
Multifunctional Hall of the
Museum of the First President of Kazakhstan**

Astana, Day 3, October 7, 2023

TEACHERS' SUMMIT

**Venue: Multifunctional Hall of the
Museum of the First President of Kazakhstan**

09:00-10:00 Registration

Main Hall

10:00-10:40 Opening Ceremony of the Teachers' Summit (Minister of Education, K
a Thorpe, Maxat Kurbenov, Ranjit Disale, Aidyn Rakhimbayev)

10:40-11:00 Global Education Citizenship Award Ceremony

11:00-12:00 Plenary Session: "How Administrators Support Help Teachers to
Grow" with Global Teachers
Keishia Thorpe / Dr. Carlos Beato / RanjitDisale / Olusegun Adeniyi

12:00-13:00 **LUNCH**

	PEDAGOGY	INCLUSION	STEM
13:00-14:00	<p>Development of School Engineering Education</p> <p>Maxim Sushkov</p>	<p>Ways to Develop Students' Cross-Border and Intercultural Academic Experience</p> <p>Akash Patel</p>	<p>Purposeful and Intentional Design to Promote STEM Education for Girls</p> <p>Kavita Sanghvi</p>
14:00-15:00	<p>Global Teaching Strategies to Motivate Students: A Focus on Talent and Qualities vs. Grades and Numbers</p> <p>Kirsten Cuppen</p>	<p>Professions of the Future: To Develop Students to be Global Citizens in the Digital Age</p> <p>Dr. Claire Nelson</p>	<p>Symbol Sense: Informal Sense-Making in Formal Mathematics</p> <p>Prof. Avraam Arcavi</p>
20 mins Break	BREAK	BREAK	BREAK
15:00-16:00	<p>How to Start an Olympiad Movement at Schools</p> <p>Muammer Gul</p>	<p>Universal Design for Learning and Teaching Students with Disabilities / Exceptionalities</p> <p>Vineeta Garg</p>	<p>Future Engineers: How to Create a Technology Lesson</p> <p>Phuti Ragophala</p>

16:00-17:00	What Schools of The Future Will Look Like: Ecole 42 Experience Olivier Crouzet	Generation Z: Born to Be Digital Ranjit Disale	Math Clinic: New Ways of Looking at Math Evans Odei
17:00-18:00	Developing the Teacher as a Leader in Teaching for Social Justice Carlos Beato	Approaches to Inclusive Education in Kazakhstan Askhat Zhumabekov	The Second Great Literacy: Quantitative Reasoning rof. William Schmidt (oline)
18:00-18:30	Closing Remarks Dr. Treisha Thorpe		

Astana, Day 4, October 8, 2023

TEACHERS' SUMMIT

World Teachers and Experts workshops at BINOM School

Venue: BINOM School

8:30 – 9:00

Registration at BINOM school

9:00 – 9:15	Welcome remarks at BINOM school
9:15 – 10:00	Reflecting and Improving Research Lessons <ul style="list-style-type: none">• Reflect on the 2nd day and improve the research lesson Makoto Yoshida / Bill Jackson / Clea Fernandez
10:00 – 10:30	Writing Rational of The Research Lessons Makoto Yoshida / Bill Jackson
10:30 – 11:00	Preparing for Teaching Research Lessons Makoto Yoshida / Bill Jackson
11:00 – 11:15	BREAK
11:15 – 12:15	Teaching Research Lesson (1)
12:15 – 13:00	Discussing the Research Lesson (1) Makoto Yoshida / Bill Jackson
13:00 – 14:00	LUNCH
14:00 – 15:00	Teaching Research Lesson (2)

15:00 – 15:45	Discussing the Research Lesson (2) Makoto Yoshida / Bill Jackson
15:45 – 16:00	BREAK
16:00 – 16:40	Starting Lesson Study at Your School <ul style="list-style-type: none">• Building system in the school for lesson study• Essentials of conducting lesson study Makoto Yoshida / Bill Jackson
16:40 – 17:00	Next Step <ul style="list-style-type: none">• Ask teacher to develop research lessons for the spring PD.• Providing support (reviewing lesson plans, zoom meeting before the spring PD) Makoto Yoshida / Bill Jackson
17:00 – 17:30	Q&A and Reflection of the Day Makoto Yoshida / Bill Jackson