

School and Human Potential: Quality and Equal Opportunities

29–30 October 2026 · Astana, Congress Center

Draft programme · full version

Day 1 · Thursday, 29 October

8:00–9:30	Registration
8:30–18:00	NIS Korme Research poster exhibition
9:30–9:45	Young Voices: Opening ceremony
9:45–10:05	Welcome address from distinguished guests
10:05–10:20	Address by the Chairman of the Management Board Anuar Zhangozin — Chairman of the Management Board, AEO «Nazarbayev Intellectual Schools»
10:20–10:30	Welcome address Ruslan Dzhumashev — Managing Director, Freedom Shapagat Corporate Foundation
10:30–11:30	KEYNOTE 1 “Changing Teachers for Challenging Times” Andy Hargreaves — Distinguished Professor, Boston College (USA) and University of Ottawa (Canada); ranked among the 200 most influential social scientists of all time; author or editor of some 40 books Q&A
11:30–12:00	Break

12:00–13:30 Block 1	Astana Hall KAZ / RUS / ENG	Almaty Hall KAZ / RUS / ENG	Turkestan Hall KAZ / RUS / ENG	Caspian Hall KAZ / RUS / ENG	Esil Hall KAZ / RUS	Burabay Hall KAZ / RUS	Altay Hall KAZ / RUS	Saryarka Hall KAZ / RUS	Zhetisu Hall KAZ / RUS
	1.1 · Session Reading Literacy: From Data to Decisions Language Literacy and Multilingual Education <i>Moderator: Zhanbyrzhan Bekbolatov</i> Reading Literacy in Ireland: Outcomes, Policy and Practice Aidan Clerkin, Senior Researcher and World Bank Education Consultant (Ireland) Reading crisis: Rethinking teaching practices in the age of technological disruption Zhuldyz Smagulova, Professor, KIMEP University Data in Education:	1.2 · Workshop Collaborative Professionalism: The Next Generation Teacher Professional Development and Wellbeing Andy Hargreaves, Boston College (Canada) <i>Moderator: Asel Beyseminova</i>	1.3 · Round table Lessons Spanning 35 Years: Trajectories of Education Systems That Began in 1991 Educational Change and Policy Sholpan Karinova, Member of the Kurultai of the Republic of Kazakhstan; Shavkat Karimzoda, Republican Educational and Methodological Center (Tajikistan); Emil Ryskulov, «Akylman» Presidential Lyceum (Kyrgyzstan); representative of Uzbekistan (TBC) <i>Moderator: Sabyrzhan Sadukasov</i>	1.4 · Session Teacher Potential and School Development Assessment and Evaluation of Education Quality <i>Moderator: Duman Sapakov</i> Approaches and Analysis of System-Oriented Talent Management in the Selection of Teachers for Intellectual Schools Arnold Brauer, Dutch Research Centre for Examination and Certification (RCEC); Guest Lecturer, University of Twente (Netherlands) and ADA University (Azerbaijan) Predicting Teachers' Professional Success from Candidate	1.5 · Workshop Data-Informed Lesson Design <i>A Research-Based Approach to Lesson Architecture</i> Approaches to Teaching and Learning Nastya Serazetdinova, Hungry Teachers (Netherlands) <i>Moderator: Viktor Sosin</i>	1.6 · Podcast Transferable Skills: One Question, Different Perspectives Curriculum and Educational Content <i>Moderator: Kayyrbek Buksukbayev</i> Ayganym Satyly, Expert, Center for Educational Programs Raigul Kaiyrkenova, Deputy Director for Research and Methodology, NIS Astana-Nura; History Teacher Alikhan Marat, Grade 12 student, NIS Astana-Nura Meruert Aliyeva, ATL	1.7 · Session AI in Kazakhstani Schools AI and Digital Technologies in Education <i>Moderator: Bibars Seytniyazov</i> Artificial Intelligence in Kazakhstan's Schools: Findings from a Survey of Secondary School Leaders, Teachers and Students Gulsaule Kayrat, Shynar Shaymuratova, Taldau JSC AI-Based Learning: The Question of Digital Competence in Developing High School Students' English Reading	1.8 · Ignite Talks Students' Research Skills and Scientific Thinking <i>Curriculum and Educational Content</i> <i>Moderator: Samgat Bulebayev</i> 1. Developing Students' Research Competence Through the 5E Model: Experience of Implementing an Author-Designed Program Sakhova K.K., Koshkinbayeva M.M., NIS Shymkent-Abay; Amangaliyeva S., Center for Educational Programs 2. Development of Students' Research Culture and Early Career Guidance through Project-Based Learning (Integration of Chemistry, Ecology, and IT Technologies) Adrysheva K.B., Minkenova S.S., Akhmet Baitursynuly Secondary School No. 5, Shemonaikha 3. An Author-Designed Program as a Means of Developing	1.9 · Session From Talent Pool to Leadership: Leading Change in Schools Teacher Professional Development and Wellbeing <i>Moderators: Daniyar Ualiyev, Director, Center of Excellence; Tolkyn Aidossova, Deputy Director, Center of Excellence</i> Akmaral Turspenbetova Principal, Konayev School, Talas district, Zhambyl region Zhanadil Makatov Principal, School-Gymnasium No. 2, Kosshy Bolagoz

12:00– 13:30 Block 1	Astana Hall KAZ / RUS / ENG	Almaty Hall KAZ / RUS / ENG	Turkestan Hall KAZ / RUS / ENG	Caspian Hall KAZ / RUS / ENG	Esil Hall KAZ / RUS	Burabay Hall KAZ / RUS	Altay Hall KAZ / RUS	Saryarka Hall KAZ / RUS	Zhetisu Hall KAZ / RUS
	Leveraging Large-Scale Assessment to Inform Teaching, Learning, and Policy Aliya Olzhayeva, PhD, Independent Assessment Researcher Assessing Reading Literacy Using Overlap Items: Evidence from a Validation Study of the Grade 7 Student Selection Test for NIS Abdulmanova L.T., Kayratkyzy Zhupargul, Center for Pedagogical Measurements Understanding the Drivers of Student Literacy Growth in BI Education Schools: A Multilevel Value-Added Study Arailym Magzumova, Academic Director; Saya Zhagparova, Project Manager; Ayaulym Torebekova, Head of Educational Projects, BI Education Beyond Gamification: Using Reading Marathon Data to Transform Language Learning at Scale Ninj Khurel (Mongolia)			Assessment Shpara I.V., Kozhina Zh.M., Kashavarova N.M., Shukyrzhanova B.T., Center for Pedagogical Measurements The Effect of Extending the Level Scale of the Teachers' Language Test on Differentiating High-Performing Candidates Nygatayeva N.A., Adulova Ye.V., Zharkeyeva G.B., Baygozhina M.S., Center for Pedagogical Measurements Reliability of Assessing Teachers' Reflective Reports Igilmанov M.R., Ilyasova M.Zh., Yermukhanova Zh.R., Center for Pedagogical Measurements From Quality Assessment to School Development: Preliminary Evaluation within National Accreditation Adulova Ye.V., Nygatayeva N.A., Center for Pedagogical Measurements		Coordinator, NIS Astana (IB) Gulzhanat Gafu, Assistant professor, Nazarbayev University Kamila Saken, employer, Chief Operating Officer, WeGlobal; alumna of NIS Astana (IB) Kairat Dzholdasbayev, parent	Literacy Aynur Sembekova, Kazakh National Women's Teacher Training University From Algorithmic Thinking to Pedagogical Design: The Paradox of Educators' Use of Generative AI Akzat Kauysova, NIS Almaty The Impact of AI-bot Usage on Students' Academic Achievements and Motivation in Kazakhstan Batyrbayeva A.K., International Astana Garden School From Digital Divide to Digital Opportunity: Bridging the Educational Quality Gap in Schools Through AI Yestayeva N.N., Maykeldiyeva A.Zh., School-Gymnasium, Almalybak village	Students' Critical Scientific Data Interpretation Skills through Project-Based Research Aksyonova I.V., NIS Taraz 4. Developing Students' Scientific Argumentation Skills in Biological Practical Work through the Application of the CER Model in the Context of Problem-Based Learning Taugistauova Z.S., Kimbayeva Sh.S., Kairatkhan L., NIS Atyrau 5. Developing the Scientific Worldview of Upper Secondary School Students through Integrative Education in Biology Teaching Shazhanbayeva S.Ye., NIS Kyzylorda 6. Integrating Biology and Physical Education Through Data Analysis of Heart Rate Nurseitova B.S., Nurseitov D.F., NIS Pavlodar 7. The Impact of Environmental Research Tasks in Geography Lessons on the Functional Literacy of Grade 7 Students Abdiyeva A.Zh., Tolegen Aibergenov School-Gymnasium No. 19 8. Developing Research Skills of Grade 9 Students through the STEAM Approach Dabylykzy S., Imanbekova N.N., NIS Almaty-Nauryzbay 9. Developing Students' Cyclical Research Skills through the CER Model: Experience of an Author-Designed Program Suleymenova G.M., Turarbekov D., Bedebayeva M.Ye., NIS Shymkent-Abay; Markabayeva K.M., Secondary School No. 79, Shymkent 10. The Effectiveness of the SEAT Method in Developing Students' Research Skills: A Pedagogical Case Study Shazhanbayeva G.Ye., Kenbayeva N.A., Shazhanbayeva S.Ye., NIS Kyzylorda 11. From a Descriptive Lesson Observation Form to a Digital Criteria-Based Lesson Observation System: A Comparative Study of the Quality of Feedback Provided to Teachers Dautaliyeva S., Korganbayeva A.Zh., Kurakbayeva A.O., NIS Aktau 12. The Effectiveness of Lesson Study: From Analytical Analysis to Results	Kulmagambetova Principal, Abai School, Kostanay Aybat Butabayev Principal, Oral Khan Bokei School, Glubokoye settlement, East Kazakhstan region Gulmira Rakhimova Head of Analysis and Monitoring, Center of Excellence

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								Altayeva Sh.K., Center of Excellence	

13:30–14:30	Lunch
14:30–15:00	KEYNOTE 2 “Investing in Education: Quality, Equity, and Economic Prosperity” Harry Patrinos — University of Arkansas; former Senior Adviser for Education, World Bank (USA)
15:00–15:45	KEYNOTE 3 “Education as Transition Infrastructure: Cultivating Human Potential for Flourishing Futures” Simon Lightman — Director, Learning Lab, Flourish Project (UK), Head of Humanities, Victoria International School of Sharjah, (UAE) Q&A
15:45–16:15	INTERACTIVE SESSION Plenary interactive: a lesson for an adult audience Bruce Lander (Japan) and trainers of the Center of Excellence
16:15–16:30	Break

16:30–18:00 Block 2	Astana Hall KAZ / RUS / ENG	Almaty Hall KAZ / RUS / ENG	Turkestan Hall KAZ / RUS / ENG	Caspian Hall KAZ / RUS / ENG	Esil Hall ENG	Burabay Hall KAZ / RUS	Altay Hall KAZ / RUS	Saryarka Hall KAZ / RUS	Zhetisu Hall KAZ / RUS
	2.1 · Session School Governance, Community and Institutional Memory School Leadership and Management <i>Moderator: Gulnara Duskazyieva</i> Leading Schools for Flourishing Futures: From Vision to Institutional Coherence Simon Lightman, Director, Learning Lab, Flourish Project (UK) If schools were designed today, would they look like this?	2.2 · Master class Learning beyond the classroom Curriculum and Educational Content Rouble Nagi, Global Teacher Prize 2026 laureate (India) <i>Moderator: Magripa Altaybekova</i> 2.5 · Workshop Beyond Fact-Checking: Media Literacy as a Shared Responsibility Curriculum and Educational Content Eszter Salamon, Parents International (Netherlands) <i>Moderator: Zhanar Akizhanova</i>	2.3 · Session The Reflective Teacher and Lesson Study Teacher Professional Development and Wellbeing <i>Moderator: Yerbol Kaynarbayev</i> Reimagining Lesson Study in the Age of Artificial Intelligence: Building Reflective Teachers for the Future Bruce Lander (Japan) Professional Growth through Practitioner Inquiry: How Lesson Study Contributes to Changes in Teachers' Practice Yuliya Melnikova, Scientific Supervisor of Pavlodar Schools, UNICEF Education	2.4 · Session Assessment for Student Development: Achievement, Competencies, Prospects Assessment and Evaluation of Education Quality <i>Moderator: Diana Sartauova</i> How PISA 2025 Measures Scientific Literacy: Tasks, Competencies and Results Asel Kambatyrova, Asem Zhulbarisova, Taldau JSC From International Assessments to the Quality of Every School: Lessons from PISA and Dushanbe's	2.5 · Workshop Beyond Fact-Checking: Media Literacy as a Shared Responsibility Curriculum and Educational Content Eszter Salamon, Parents International (Netherlands) <i>Moderator: Zhanar Akizhanova</i>	2.6 · Panel discussion Private Schools in the Education System Educational Change and Policy <i>Moderator: Arman Akberdiyev</i> Between Interest and Decision: Why Families Choose a Different School Akerke Konysovna, Marketing Director, AkbulakGroup The Non-State Secondary Education Sector: What Changed in 2026 Yermek Paizov, Director, International Steppe School of Almaty by NIS A School Team's Professional Competencies beyond Teaching Daniyar Ualiyev, Director, Center of Excellence Thirty Years of One	2.7 · Session The First Years in the Teaching Profession Teacher Professional Development and Wellbeing <i>Moderator: Yerbolat Niyatbay</i> Navigating the Early Years of Teaching: Experiences of Science and Mathematics Teachers in Kazakhstan Assel Sharimova, Assistant Professor, Graduate School of Education, Nazarbayev University Workforce Capacity in Secondary Education in Kazakhstan: An Analysis of TALIS 2018–2024 Data Aygerim Kopeyeva, Gulsaula Kayrat, Sakypzhamal Nugumanova, Taldau JSC The Role of School	2.8 · Ignite Talks Writing, Argumentation and Working with Texts Language Literacy and Multilingual Education <i>Moderator: Zhaniya Opanova</i> 1. Developing Students' Argumentative Writing Skills through the Use of Various Films in the Educational Process Maulytova Zh.K., NIS Aktau; Moldabekova R.A., Bilim-Innovation Boarding Lyceum, Mangystau Region Education Department; Nurzhanova A.Zh., Shogy Munalyuly School No. 5, Munaily district, Mangystau region 2. Developing Analytical Writing Skills in Teaching Kazakh as a Second Language through the TAFTT Strategy Nizamiyeva N.Z., NIS Ust-Kamenogorsk 3. Using scaffolding to develop writing skills of 8th grade students: an experience from Kazakhstan history lessons	2.9 · Session AI in Central Asian Schools AI and Digital Technologies in Education <i>Moderator: Aydyn Tusupzhanov</i> Developing Students' Digital Competencies in General Education Schools of the Republic of Tajikistan amid the Introduction of AI Education Shavkat Karimzoda, Director, Republican Educational and Methodological Center (Tajikistan) The impact of an AI-powered telegram tutor “NIS Economics» on self-regulated learning and academic achievement of students Nazerke Nyshanbay, NIS Turkestan; Rakhym A., NIS

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	Exploring governance, leadership, teaching and the involvement of parents to drive change Francesco Banchini (Azerbaijan) The role of Socially Responsible Learning Communities in developing Human Capital: Leveraging CIS International Accreditation as a driver of progress and change Olivia Roth, Director of School Evaluation and Development, Council of International Schools (CIS) Institutional Memory as a Foundation for Sustainable School Transformation Dulat Irzhanov, Deputy Director for Development, International Steppe School of Astana		Projects Consultant, PhD Student, HSE University, School of Education Exploring the Leadership Role of Teacher Coordinators in Lesson Study Practices Gulzina Nagibova, Uspanova N., NIS Uralsk; Rakhimgaliyeva D.K., Higher Engineering and Technology College; Yerzhanova G.T., Talgat Bigeldinov Secondary School	Education Development Strategy to 2030 Bahrom Ismoilzoda, Candidate of Pedagogical Sciences, Head of the Main Department of Education, Dushanbe From Potential to Performance: The Role of Non-Cognitive Skills in STEM Schools Gulbakhyt Sultanova, Center for Pedagogical Measurements, AEO NIS Maintaining standards in a performance referenced system Georgie Billings, Senior Assessment Manager, Cambridge University Press & Assessment (UK) Quality of School-Based Assessment Data: Empirical Foundations for Developing a Diagnostic Tool for Hidden Assessment Load M. Ospanov, NIS Almaty-Medeu, Ayzhan Zholdasova, NIS Shymkent-Abay, Yedilzhan Kambarov, NIS Oskemen, Galiya Alzhanova, Center for Educational Programs		School: How an Educational Organization Sustains Its Reputation Bakhytgul Syzdykova, Director, Economic Lyceum A Strategy for Scaling a Kazakhstani Private School Brand across the Regions CEO, KAZGUU SCHOOL private school network	Mentoring in Developing Newly Qualified Teachers' Research Skills Aliya Zhusanbayeva, Maksutova G.M., Kydyrbayeva B.T., NIS Taraz Novice teachers' experiences of professional adaptation through participation in a Novice teachers' school Kseniya Artamonova, Gulnaz Zhukanova, NIS Karaganda Teacher of the Future: Supporting the Well-being and Professional Development of Early-Career Teachers as Drivers of Quality Education and Human Potential Zhaksylykova B.O., Yeraly K.Ye., Konyrbayeva Zh.M., Izbasova G., Maskarova T.O., Aytan A.L., NIS Aktau Kazakhstani English Language Teacher's Identity Construction through Professional Support: A Trioethnographic Study of Singapore Method Practitioners Yessengossova G., Kazakh National Women's Teacher Training University Factors Influencing Teacher Burnout: Evidence from a Mixed-Methods Study Kunakbayeva M.Zh., NIS Uralsk	Khalmuradova G.N., NIS Aktau 4. Developing students' argumentation skills in Kazakh Language and Geography lessons through interdisciplinary connections: a practical experience Shamshenova M.B., Ayshuakova Z., NIS Atyrau 5. Opportunities for quality education: Developing writing skills in Kazakh language for 5th graders through Lesson Study Baktygul R.U., Orken Secondary School 6. How do empathy-oriented literary tasks influence the development of students creative writing skills? Dauletkaliyeva R.L., NIS Pavlodar 7. Planned Cognitive-Linguistic Scaffolding as a Means of Developing Argumentative Writing Skills in Upper Secondary Chemistry Education Mitina T.A., NIS Ust-Kamenogorsk 8. Action Research (AR) in Second Language Teaching: From an Argumentation Model to Drawing Conclusions Omirebekova D.Sh., International Steppe School of Astana 9. Self-Reflection in Teaching Writing: Its Impact on Essay Quality and Students' Transversal Skills Drozdova O.A., Pustovalova L.P., Zhuldaspayeva A.A., NIS Petropavlovsk 10. Developing skills in analyzing literary texts through the educational structures of the Singaporean methodology Tapelova B.Zh., NIS Shymkent-Abay 11. Read-Monitor: An Effective Tool for Improving Students' Reading Fluency Baytenova Zh.B., NIS Shymkent-Karatau 12. Developing a Consistent Model for Working with Texts at School Based on the “Oi Sandyq” Framework Shyntasova G.B., NIS Kyzylorda	Uralsk From Distance Schooling to School Transformation: Flagman Online as a Model of Educational Resilience in Kazakhstan Indira Abisheva, Akbulak Group From engagement to competence: how interactive technologies change English language learning Ashimova G.A., BINOM School-Lyceum named after Kadyr Myrza Ali Development of Interactive Mobile Applications for Teaching Physical Geography of Kazakhstan and World Geography: QazaqGeo Interactive and GeoQuest Tuysova A.Ye., Secondary School No. 86, Aktobe From Assessment to Pedagogical Decision-Making: GradeAI as a Digital Practice for Formative Assessment, Differentiated Instruction, and Teacher Reflection Lipakova I.N., NIS Turkestan Building an Individual Learning Trajectory in Biology Using Artificial Intelligence Asabayeva A.K., IT School-Lyceum No. 72

Day 2 · Friday, 30 October

8:30–18:00	NIS Korme Research poster exhibition
9:00–9:15	Video diary and reflection on Day 1 Jane Larsson — Executive Director, Council of International Schools (CIS)
9:15–9:45	KEYNOTE 4 “Unlocking Human Potential: The Role of Art and Creativity in Transforming Education” Rouble Nagi — Global Teacher Prize 2026 laureate; artist, sculptor and founder of the Rouble Nagi Art Foundation (India)
9:45–10:00	PERFORMANCE Performance by the «Abai-La» («Qanattylar») inclusive theatre
10:00–10:45	KEYNOTE 5 “ From Central Asia to the United Kingdom: What Different Educational Systems Can Teach Us About Inclusion ” Kamila Rollan — Disability and Neurodiversity Adviser, Anglia Ruskin University (UK); Professor, School of Education and Humanities, SDU University (Kazakhstan) Q&A
10:45–11:45	PANEL DISCUSSION “Quality education for all: myth or achievable goal?” Anuar Zhangozin — Chairman of the Management Board, AEO NIS (moderator) Askhat Aimagambetov — Member of the Kurultai of the Republic of Kazakhstan Harry Patrinos — University of Arkansas; former Senior Adviser for Education, World Bank (USA) Dilek Altun — Dean, Faculty of Education, Boğaziçi University (Türkiye) Douglas Hartman — Professor, Michigan State University (USA)
11:45–12:00	Break

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	3.1 · Session Science for Everyone: How Schools Build Interest in STEM Curriculum and Educational Content Moderator: Alan Ruby Fostering Science Capital can improve interest in STEM, and lifelong access to science Katri Saarikivi, Head of	3.2 · Workshop Building the Bridge: Preparing Learners for the Transition to Higher Education Using the LEGO® Serious Play® methodology Educational Change and Policy Stuart Norton, Advance HE (UK) Moderator: Aliya Tazhibayeva	3.3 · Workshop Action Research as a Bridge Between Educational Vision and Institutional Learning School Leadership and Management Simon Lightman, Flourish Project (UK) Moderator: Zhanar Umbetayeva	3.4 · Session Student Wellbeing and a Safe School Environment Inclusion and Child Wellbeing Moderator: Rinat Zhumabayev Insights from 50 years of Ireland's Transition Year: Promoting social-emotional development in	3.5 · Session The Mixed-Ability Classroom: Teaching Those Who Struggle and Those Who Excel Approaches to Teaching and Learning Moderator: Ayan Altynbekov Uncomfortable Learning: How to Teach Those Who Struggle (on Differentiation,	3.6 · Session Adal Azamat in School Practice: Approaches and Experience Curriculum and Educational Content Moderator: Sabyrzhan Saduakasov (topic TBC) Arafat Nurlakov, Vice-President, «Bilim-Innovation» International Public Foundation Holistic Student Development: NIS Approaches and	3.7 · Session The Student as Agent of Learning: Inquiry, Projects, Learning from Mistakes Curriculum and Educational Content Moderator: Maslikhat Zamirbekkyzy From Student as Executor to Agent of Learning: Developing Autonomy through Project and Research	3.8 · Ignite Talks Assessment, Feedback and Classroom Data Assessment and Evaluation of Education Quality Moderator: Kuralay Akhmediyeva 1. Using Educational Data to Develop and Evaluate a Strategy for Enhancing the Skill of «Detail Management» Duzbayeva M.B., Turakanova G.A., Dauletkanova M.S., Akiyeva A.B., Nurbakyt K., Mitina T.A., Duanbayeva T., Konakbayeva A.A., NIS Ust-Kamenogorsk 2. The Impact of Using Clear	3.9 · Symposium NIS/SHARE. Using Action Research to Develop Teaching and Learning at School Level: Impact, Strategies and Enabling Conditions Teacher Professional Development and Wellbeing Moderator: Nazipa Ayubayeva

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	science communication and interaction, the FINSCI project, Skope; Chair negotiating committee, Futures work in comprehensive schools, Ministry of Education and Culture, Finland; CEO and co-founder, Samoi (Finland) Over the Horizon: Improving learning for all - lesson from tertiary STEM Education for schools Peeter Mehisto, Honorary Research Fellow, University College London (Estonia) Research on STEM Teacher Professional Development: Theories and Methods Hongliang Ma (China) Equity and Improving Learning Outcomes through VR William McNeil, Avantis Education, ClassVR (UK)			secondary education Aidan Clerkin, Senior Researcher and World Bank Education Consultant (Ireland) Wellbeing at School: Measuring the Environment in Which Every Student's Potential Can Flourish Aynur Saparbekova, Child Wellbeing Department, NIS From the Whole Child Approach to the Kazakhstan Whole School Volunteer System (K-WSVS): An Organizational and Pedagogical System for Safe School Development and Bullying Prevention in Secondary Education Institutions of Kazakhstan Krotova A.S., Zhivaya Vselennaya Eco-School; Semyonova D.B., Ybyrai Altynsarin Kazakh Secondary School, Aksu; Dementiyevskaya N.V., Manshuk Mametova Aktobe Higher Medical College Bullying Risk Index (BRI–KZ): An Author-Developed Pedagogical Screening Technology for the Early Identification of Bullying Risk Factors in Secondary Educational Institutions Dementiyevskaya N.V., Turganbayeva A.G., Manshuk Mametova Aktobe Higher Medical College; Krotova A.S., Zhivaya Vselennaya Eco-School Monitoring the Psychological Well-Being of Students in Grades 8–12 as a Tool for Early Identification of Suicide Risk and	Classroom Management and Strategies for Working with Diverse Learners) Nastya Serazetdinova, EdTech Product Manager; Founder, Hungry Teachers Enhancing Grade 9 Students' Scientific Reasoning through Claim–Evidence–Reasoning (CER)-Based Differentiated Instruction in Inorganic Qualitative Analysis: Evidence from a Cross-School Lesson Study in Nazarbayev Intellectual Schools Toltebayeva F.S., Alzhanova G.Zh., Zhanbulatova G.A., Center for Educational Programs; Nurzhanova D.K., NIS Atyrau; Rysbekova A., NIS Almaty-Nauryzbay Characteristics of Differentiation Practices in School: an analysis based on Lesson observation Data Kaliyeva K.A., NIS Semey Application of Key Elements of Differentiated Instruction in High-Expectation, Mixed-Ability Secondary Classrooms Gaukhar Khudaikulova, NIS Shymkent-Karatau	Practices within the Adal Azamat Concept Nurbolat Temirov, Deputy Director for Pastoral Care, NIS Pavlodar From Reading to Action: Developing Reading Literacy and Non-Cognitive Skills as the Foundation of a «Reading Nation» Gulbakhyt Sultanova, Expert, Center for Pedagogical Measurements	Work Elena Pak, Mezon Inspiring School (Uzbekistan) Developing Students' Research Skills in NIS: A Mixed-Methods Study Sayranova A.M., Center for Educational Programs The Role of the Design Thinking Method in Developing Students' Project and Research Skills Moldabek E.Zh., NIS Taraz Adapting an Environmental Volunteer Club Model through Mentoring: An Action Research Study on Inter-School Transfer of Practice Bazarova D.Zh., Nagibova G., NIS Uralsk; Zhaksylykova B.O., NIS Aktau Error-Based Learning Practices and Their Role in Developing Student Motivation Mukhanbetkali A., NIS Kyzylorda Alternative Video-Based Pre-Class Preparation in a Kazakhstan High School Physics Classroom Tariq H.T., Karimberdiyeva P.A., NIS Aktobe	Descriptors and Effective Feedback in Assessing Oral Summative Assessments for a Unit on Students' Academic Achievement in History and Geography Lessons Kapar O.S., Seyit A.Ye., Zhubanysh R.A., NIS Aktobe 3. The Impact of Cross-Curricular Formative Assessment Practices on Grade 10 Students' Achievement of Learning Goals and Intended Learning Outcomes: An Action Research Study Mynbayeva Zh.S., Arkhabayeva Zh.K., Yesentayev Ye.S., Spabekov Zh.K., Auyezov N.O., NIS Shymkent-Karatau 4. Evidence-based classroom observation: tools and strategies for teachers Burunbetova K.K., Adilzhanova D.A., Center of Excellence; Ibrayeva A.R., NIS Pavlodar 5. Monitoring of the improvement of the integrated curriculum of the subject "Kazakh Language and Literature (T1)" of the NIS-Programme Kaliyeva A.M., Center for Educational Programs 6. The Impact of Integrated Feedback Based on MYP Assessment Criteria on the Development of Students' Mathematical Representations and Research Competence in Biology Practical Work Zhilkiabayeva L.K., Potanina L.M., Tokseitova G.K., NIS Astana 7. Using Lesson Observation Data as a Tool to Improve the Quality of Mathematics Teaching and Teacher Professional Development: The Experience of Two Nazarbayev Intellectual Schools Temirtasova D.K., Center for Educational Programs 8. Effective Descriptors for Biology Laboratory Tasks: Ensuring Transparency and Fairness in Assessment Kuanyshbekova A.N., Zhetesova A.B., NIS Aktau 9. A Comprehensive Methodology for Adapting International Assessment Instruments Baygulova A.D., Center for Educational Programs 10. Changing the learning process through effective feedback :influencing student motivation (action Research results)	Welcome address (recorded) Colleen McLaughlin What Changes in a School When Teachers Research Their Own Practice: The NIS/SHARE Project Ayzhan Ramazanova, Research Department, AEO NIS Developing Teachers' Research Culture through the International NIS/SHARE Project — Roza Shayakhanova, Methodological Center, Astana City Akimat The Reality of Action Research: Time, Research Competencies and the Shift from Inquiry to Change Yerali Bizhanov, Director, NIS Atyrau A School's Achievements and Challenges in the NIS/SHARE Project Asanova Zhanar Muratovna, project coordinator, NIS IB Focusing on Student Learning through Lesson Observation: A School-Level Action Research Strategy Anapyanova Raykhan Askerovna, project coordinator, School-Gymnasium No. 58

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				Organization of Psychological and Educational Support Nazarova A.K., NIS Kokshetau				Karabatyrova G.K., Baltabayeva A.S., M. Gabdullin School-Gymnasium, Zerenda village, Akmola region 11. Unified Assessment Criteria as a Tool for Objective Quality Assessment of Written Work in Language Subjects Bodeyeva A.A., Zhaysanbayeva A.N., Alimgazyeva S.E., Yertuganova S.B., NIS Semey 12. Developing students' data analysis and interpretation skills through integrating Inquiry-Based Learning (IBL) and the 5E model in chemistry lessons Mamanova S.K., Karimova A.S., NIS Pavlodar; Kurmanali G.K., NIS Kokshetau	

13:30–14:30	Lunch
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14:30–16:00 Block 4	Astana Hall KAZ / RUS / ENG	Almaty Hall KAZ / RUS / ENG	Turkestan Hall KAZ / RUS / ENG	Caspian Hall KAZ / RUS / ENG	Esil Hall KAZ / RUS	Burabay Hall KAZ / RUS	Altay Hall KAZ / RUS	Saryarka Hall KAZ / RUS	Zhetisu Hall KAZ / RUS
	4.1 • Session Schools in the Age of AI: Teachers and Students in a Changing World Teacher Professional Development and Wellbeing <i>Moderator: Shyryn Zhumabekova</i> Reimagining Schools in the Age of AI: Equipping Teachers and Students to Navigate and Shape an Evolving Future Douglas Hartman, Professor, Michigan State University (USA) MOOC for Developing Preservice Teachers' Artificial Intelligence Literacy and Investigating its Effectiveness	4.2 • Workshop Designing for Agency: Turning Evidence into the Next Lesson Approaches to Teaching and Learning Katri Saarikivi, Head of science communication and interaction, the FINSCI project, Skope; CEO and co-founder, Samoi (Finland) <i>Moderator: Laura Baytokayeva</i>	4.3 • Workshop Students' AI literacy development: from kindergarten to high school Teacher Professional Development and Wellbeing Hongliang Ma (China), Center of Excellence <i>Moderator: Azhar Kozhabayeva</i>	4.4 • Session Inclusive Education: Evaluations, Data, Teacher Preparation Inclusion and Child Wellbeing <i>Moderator: Gulnur Maksutova</i> From Professional Development to Classroom Change: What Competencies Do Teachers Need for Inclusive Education? Assem Tazhiyeva, UNICEF Consultant, Founder, OZIM Academy Embedding Inclusion in Initial Teacher Education: A Political Economy Perspective on Reform Sustainability in Diverse National Contexts Aruzhan Zhambyl, Janet	4.5 • Session Educational Content and Values Curriculum and Educational Content <i>Moderator: Galiya Alzhanova</i> From Alash Intellectual Approaches to Soviet Ideological Consolidation: The Transformation of Mathematics Textbooks in Kazakhstan Aksulu Kulmagambetova, Beyim Tech The Value of Respect in the NIS-Programme: Analyzing the Curriculum and Teacher–Student Perceptions in Grade 7 Arts Lessons Osanova A.D., Sayranova A.M., Center	4.6 • Open dialogue Open Dialogue with Universities Curriculum and Educational Content <i>Moderator: Danara Abildenova</i> NIS alumni: Zhumagazyev Amire Khaliuly, Muzbayeva Zhadyra Kurmangalikyzy, K. Zhubanov Aktobe Regional University Balgabekova Dayana, Almaty Management University (AlmaU) Zhuldyz Smagulova, KIMEP University Assel Kassymzhanova and Nazira Abuova, Satbayev University Bagdar Akchalov, Narxoz University	4.7 • Session Language of Instruction, Writing and Speaking Anxiety Language Literacy and Multilingual Education <i>Moderator: Dulat Turarbekov</i> The impact of learning grammatical chunks on students' written work in chemistry lessons Vodopyanova O., Meshchanova A.G., NIS Petropavlovsk Speaking Anxiety and School Well-Being among Newly Admitted Seventh Graders: The Role of Initial English Proficiency and Anxiety-Reducing Classroom Practices Oskeyeva M.O., Khosediyas S., Suleymanova M.T.,	4.8 • Ignite Talks Lesson Study, Action Research and Professional Communities Teacher Professional Development and Wellbeing <i>Moderator: Irina Madeyeva</i> 1. From Expert Leadership to Network Co-creation: Developing School Learning Quality and Human Potential Through Action Research Within the NIS/SHARE Project Suleimenova Z., School-Lyceum No. 72 2. Developing teacher professional collaboration to boost student engagement in research project competitions Kozhantayeva A.G., Ozhayeva G.K., Khayredenova A.M., Almaganova S.I., Toktarbekov A.M., D. Tolenov Secondary School 3. Disseminating Lesson Study Findings Across Professional Learning Communities (Within and Beyond the School): Leveraging Educational Data for Teachers' Professional Learning	4.9 • Session AI in Learning: Student Thinking and Autonomy AI and Digital Technologies in Education <i>Moderator: Akbar Tusupbayev</i> Students' Algorithmic Thinking as a Factor in Enhancing the Quality of Education in the Age of Artificial Intelligence Aringazinova A.M., NIS Pavlodar Mathematics Beyond Templates: How to Develop Thinking When AI Solves Problems Faster Than Humans Tkacheva Ye.S., Beskol Secondary School No. 2 Using AI-Generated Virtual Laboratories to Stimulate Inquiry-Based Learning in High School Students Asil Zh.S., NIS Almaty-Nauryzbay

14:30–16:00 Block 4	Astana Hall KAZ / RUS / ENG	Almaty Hall KAZ / RUS / ENG	Turkestan Hall KAZ / RUS / ENG	Caspian Hall KAZ / RUS / ENG	Esil Hall KAZ / RUS	Burabay Hall KAZ / RUS	Altay Hall KAZ / RUS	Saryarka Hall KAZ / RUS	Zhetisu Hall KAZ / RUS
	Dilek Altun, Dean, Faculty of Education, Boğaziçi University (Türkiye) The Educational Process in the Age of AI: Opportunities, Limitations and Responsibility Bibars Seytniyazov, Director of Beyim AI			Helmer, Kayrat Kurakbayev, Kseniya Tursynbayeva, Gulnura Daripbayeva, Nazarbayev University Latent Profiles of Pre-Service Teacher Readiness for Inclusive Education in Kazakhstan Kseniya Tursynbayeva, Janet Helmer, Aruzhan Zhambyl, Nazarbayev University Readiness of Junior English Teachers for Implementing Inclusive Education in Almaty Secondary Schools Oralbay A., NIS Almaty; Zhorabek A.M., Serik D.R., NIS Almaty- Nauryzbay	for Educational Programs; Azhgereyeva K.B., NIS Uralsk The First Natural Science Textbooks of Alash Educators: National School Transformation and Teachers' Professional Competence (1920s) Myrzagali A., School-Gymnasium No. 148, Almaty A study on the effectiveness of using an improved lesson structure for history subjects based on metacognition principles Kaliyeva B.K., Tusupkaliyeva G.K., Center for Educational Programs Pedagogical Perceptions of the Value-Based, Technological, and Psychopedagogical Components of Arts and Aesthetics Supplementary Education Programs for Children Kotov S.O., Zhagalbayeva M.T., Nayman A.A., Turyskeldi Zh.I., Battalova A., Abisheva G.A., Yesenzholova Zh.Zh., Republican Educational and Methodological Center for Additional Education		Razbekova A., NIS Karaganda Visible Student and Invisible Competencies: Limits of Aggregated Educational Data During a Language-of-Instruction Transition Davletgariyev G.F., NIS Karaganda Implementation of a Text-Centered Approach in Integrated Russian Language and Literature Teaching: Opportunities and Challenges for Developing Reading Literacy among Grades 9–10 Students in Nazarbayev Intellectual Schools Aytpayeva A.S., Center for Educational Programs Adapting Literary Texts to Learners' Proficiency Levels in Teaching Kazakh as a Second Language Khasenova A.T., Center for Educational Programs; Suleymenova M.M., NIS Karaganda Teaching Written Discourse Genres through Structural and Visual Models in the Context of Implementing the Updated NIS-Programme Curriculum Bektasova M.Sh., Center for Educational Programs; Drozdova O.A., NIS Petropavlovsk	Zhanuzakova G.A., Kaliyeva A.K., Mudrichenko I.I., Demochkina A.V., Georgievka Secondary School 4. Instructional Leadership and the Professional Capital of the Teacher of the Future Omarova Zh.B., Malik Gabdullin School-Gymnasium, Zerenda village 5. Improving teaching quality within a PLC Kudabekova M., Soboleva A.N., Sovetbekova A.K., NIS Semey 6. From Lesson to Mastery: Transforming Thinking Through Historical Debates Nesterenko A.V., N. Aldabergenov Secondary School, Eskeldi district, Zhetisu region 7. Action Research: Enhancing Teaching Practice through the Systematic Implementation of Effective Feedback at the Lesson Closure Stage Khisabek Zh.Kh., Berdibekova Zh.Zh., Akhmet Baitursynuly Secondary School No. 5, Shemonaikha 8. Analysing Students' Learning Errors in Lesson Study: A Data-Informed Model for School Improvement Mukhamedyarova M.K., Zhagykpanova M.D., Gazizova K.K., Bakytkanova A.B., Shokan Ualikhanov School-Lyceum, Ust-Kamenogorsk 9. Fostering Exploratory Talk in Lesson Study through Analytical Models Ibrayeva A.R., NIS Pavlodar; Adilzhanova D.A., Burunbetova K.K., Center of Excellence 10. Lesson Study as a Tool for School Transformation and Teacher Professional Development: Systematic Use of Feedback at the Lesson Wrap-up Stage to Improve the Quality of Learning Talasbayeva G.B., Nanimanova D.S., Akhmet Baitursynuly Secondary School No. 5, Shemonaikha	AI-Titrator: Developing an Intelligent AI Model for Color Recognition to Digitalize Titration Analysis Ishanova G.K., Nurmukhanova G.A., NIS Uralsk Data-Informed Teaching: Using Artificial Intelligence to Analyze Educational Data for Identifying and Addressing Students' Learning Gaps in Mathematics Nurym Z., Rakhimova G.N., NIS Aktau

16:00–16:20	Break
16:20–16:50	KEYNOTE 6 “A School for Life in 2045: Building a National Vision of the Future of Elementary Education” Katri Saarikivi — Head of science communication and interaction, the FINSCI project, Skope; Chair negotiating committee, Futures work in comprehensive schools, Ministry of Education and Culture, Finland; CEO and co-founder, Samoi

16:50–17:30	KEYNOTE 7 “Repairing Broken Education Ecosystems for Equity and Learning” Eszter Salamon — Director, Parents International; Consultant, European School Heads Association (Netherlands) <i>Q&A</i>
17:30–17:50	Video diary and reflection on the two days. Call for Actions. Closing remarks Anuar Zhangozin — Chairman of the Management Board, AEO «Nazarbayev Intellectual Schools»
17:50–18:00	Closing ceremony

Research poster exhibition

Day 1 · 29 October · Poster Session 1 — School, Teacher and Student: Leadership, Professional Development, Pedagogy, Wellbeing

Strand 2 · School Leadership and Management (6)

1. Human Capital Development in School Transformation: Research Grounded in National Values — **Bayzhumanova A.Zh.**, - **K.K.**, **Asil M.Zh.** (NIS Almaty-Nauryzbay)
2. Transforming Educational Organizations through the 4P Management Model: A Practice-Based Framework for Institutional Development and Educational Quality Enhancement — **Malgazhdarova Zh.Z.** (School-Lyceum No. 22, Semey, Abai region)
3. School Transformation: Advancing Human Potential through Quality Education and Equal Opportunities — **Sergaziyeva G.B.** (Secondary School No. 1, Uralsk, West Kazakhstan region)
4. DIPLO EDUCATIONAL ECOSYSTEM: an author's pedagogical model of school transformation — **Amanova N.R.** (M. Mametova Secondary School No. 27, Taraz)
5. Data-Informed Management in School Transformation: The "From Data to Decision" Cyclical Management Model — **Kubzhasarova L.D.** (S. Rakhimov Secondary School); **Baltabekova A.T.** (Center of Excellence)
6. SMART MIB Pro – A Digital Ecosystem for Internal School Monitoring Management for Deputy Principals for Academic Affairs — **Gabdullina G.G.** (Secondary School No. 4, Aksai, Burli district, West Kazakhstan region)

Strand 3 · Teacher Professional Development and Wellbeing (11)

7. From Reflection to Transformation: Developing an Action Research Culture in School — **Ordabayeva Z.**, **Altynbekov A.S.**, **Shakhmetova Z.T.**, **Tkachenko T.A.**, **Zykrina S.** (NIS Kokshetau)
8. Lesson Study and Inclusive Education: An Innovative Approach to Improving Teaching Practice — **Shonkina I.S.**, **Yermakhashova G.B.** (Y. Altynsarin Secondary School)
9. Enhancing Student Potential Through the Development of Reflective Culture (Within the "Triad" Collaboration) — **Moldagaliyeva Sh.M.**, **Zholdybek T.K.** (School-Gymnasium, Isatai district)
10. A Case Study: The Impact of Parallel Teaching on Grade 10 Students' Perception of Learning and Novice Teacher Development in English Lessons — **Amanbayeva A.T.** (NIS Aktobe)
11. Integrating Algorithmic Thinking Within Collaborative Lesson Study to Support Inquiry-Based Biology Laboratory Instruction — **Karazhanova K.M.**, **Bonifacio J.B.** (NIS Turkestan)
12. The Impact of Pedagogical Tours on Teachers' Professional Competence Development during Artificial Intelligence Implementation. Evidence from the "Tandem School" Project — **Khalykova Zh.** (Municipal Secondary School No. 16); **Satybayeva G.K.** (Principal, School No. 24, Uralsk, West Kazakhstan region)
13. "Lesson Study + Eco-STEM" Integrated Model — **Sagadiyeva K.B.** (Center of Excellence)
14. Action Research as Reflective Inquiry in Supporting Teacher Leadership: A School-Based Case from Kazakhstan — **Alibekova A.T.**, **Aytenova Zh.B.**, **Aykymbekova D.T.**, **Imansharipova A.Zh.** (NIS Astana); **Akhmadiyeva K.T.** (International Steppe School of Astana)
15. Lesson Study as a Strategic Mechanism for School Development — **Nursaparova A.Z.**, **Arnepasov Ye.T.**, **Tukubayeva T.T.**, **Boranbayeva Zh.K.**, **Kasenova M.T.** (Akhmet Baitursynov Secondary School No. 20)
16. Methodological model for the systematic development of flexible skills (Spft skills) of a modern teacher and the experience of its application — **Azhibayeva Zh.S.** (NIS Kyzylorda); **Omarova Z.** (NIS Astana-Nura)
17. The Evolution of a Teacher's Digital Competence: From Personal Reflection to Research-Based Publication — **Tokbayeva A.** (NIS Almaty-Medeu)
18. The Teacher of the Future: Navigating Artificial Intelligence, Sustainability, and Relational Professionalism — **SARSEN BAYEVA N.**, **Avasi V.** (NIS Taraz)

Strand 4 · Approaches to Teaching and Learning (17)

19. Personalizing learning with the flipped classroom model — **Ovchinnikova O.** (NIS Ust-Kamenogorsk); **Sheyko T.A.** (NIS Petropavlovsk); **Kozlovskaya E.** (NIS Shymkent-Abay)
20. Personalized Learning Based On The Type Of Students' Perception Of Learning Resources — **Meshchanova A.G.** (NIS Petropavlovsk)
21. "SENIM START": A Psychological and Pedagogical Model for Organizing the Introductory Stage of a Lesson — **Sakharbayeva M.A.** (Mangystau Regional Institute of Professional Development, «Orleu» NCPD JSC)
22. The architecture of multi-level tasks as a catalyst students' systematic thinking — **Zhailganova B.B.**, **Antayeva G.T.** (NIS Kostanay)
23. Developing Students' Analytical Thinking and Explanation Skills through Step-by-Step Guidance — **Amirova R.T.**, **Yeserkenova Zh.K.**, **Nurzhanova D.K.**, **Kimbayeva Sh.S.** (NIS Atyrau)
24. Developing Differentiated Mathematics Tasks Using the MathsBot Platform and Their Impact on Students' Learning Outcomes — **Zabykhanov M.M.** (Kh. Sanbayev Secondary School, Makat district, Atyrau region)
25. Methodology for developing personalized learning tasks in computer science — **Duysekeyeva B.M.** (NIS Taraz)
26. Application of the 4c/id model for optimizing students' cognitive load — **Sakhiyeva A.K.**, **Kazbekova A.S.**, **Bazarova D.Zh.**, **Mustafina A.**, **Kudabayeva G.** (NIS Uralsk)
27. Differentiated Instruction for A1–A2 Level Learners: Effective Models in Educational Practice — **Maksutova Zh.A.** (Center for Educational Programs); **Nurgaliyeva S.M.**, **Aydynaliyeva V.M.** (NIS Uralsk)
28. The Effectiveness of the Bansho method in Organizing Group Work in the Learning Process — **Baimakhanova G.A.** (primary teacher, Zh. Abdirashev School-Lyceum No. 62, Aral)
29. Implementing the Differentiation Principle of Complexity in Mathematics Lessons Using Artificial Intelligence Tools — **Abdizhalel G.Zh.**, **Elmira K.I.**, **Amanzhan R.N.**, **Toremuratova G.S.** (NIS Aktobe)

30. Differentiated Instruction in Modern Education: Effective Ways to Develop Students' Logical Analysis Skills — **Kuatova A.S.** (NIS Pavlodar)
31. Personalization of Individual Learning Trajectories of 5th Grade Students Through Adaptive Learning Mechanisms — **Ziyashova K.K.** (N. Ostrovsky Kurshim Secondary School No. 4, Kurshim district, East Kazakhstan region)
32. Enhancing Students' Mathematical Problem-Solving Performance Through Structured One-on-One Peer Tutoring — **Kelimberdiyeva A.N., Konyrbayeva Zh.M.** (NIS Aktau)
33. The Effectiveness of Using Active Learning Methods to Develop Students' Leadership and Organizational Skills — **Dzharasova B.B., Zhetkizgenova M.T.** (NIS Aktau)
34. How is a question born? Rethinking the teacher's role through student generated HOTS and LOTS questions in the Advanced Biology Classroom — **Omasheva M.Ye.** (NIS Almaty-Medeu); **Smaylov B.B.** (Republican Physics and Mathematics School)
35. Developing students' critical and analytical thinking through high-level questions — **Nurmukhanova G.A., Ishanova G.K.** (NIS Uralsk)

Strand 5 · Curriculum and Educational Content (7)

36. Analysing the Dynamics of Argumentative Conclusion Skills Among Grade 9 NIS Students — **Dauzhanova V.R.** (NIS Karaganda); **Sydykova Sh.R.** (NIS Taldykorgan); **Bayadilova R.B.** (NIS Semey); **Duyseкова A.B.** (NIS Kostanay)
37. Formation of a culture of reasoned decision-making among high school students using the Digital-Driven Case Study method — **Tkachenko T.A., Begezhayeva G.I.** (NIS Kokshetau)
38. Developing an understanding of cause-and-effect relationships as an object of learning for secondary school students through problem-based learning using the principles of variation theory — **Koyshygarayeva A.** (NIS Astana-Nura)
39. Developing students' cause-and-effect analysis and decision-making skills through simulation-based learning — **Shokhan K.G., Kasymzhanova Zh.Ye., Zhomartova G.Zh.** (NIS Karaganda)
40. Developing Students' Evidence-Based Reasoning through the "Fact – Interpretation – Conclusion" Strategy: Findings from an Action Research Study — **Asanova K.I.** (NIS Kostanay)
41. Developing Students' Interpretation Skills Using Felting Technology — **Uaisova S.R., Zeynulla A.K.** (NIS Kyzylorda)
42. Developing the Analytical Skills of 7th-Grade Students Through the Bloom's Cube Method Based on Lesson Study — **Pernebek N.Ye., Ibrayeva A.M., Asilbek A.M., Zhakyp Ye.Ye., Utebayev N.B.** (NIS Shymkent-Karatau)

Strand 7 · Assessment and Evaluation of Education Quality (2)

43. The Impact of Hattie and Timperley's Feed Up, Feedback, and Feed Forward Model on Students' Attitudes and Reading-Writing Achievement in External Summative Assessment — **Karatayeva A.M., Seytimova A.Zh.** (NIS Atyrau)
44. The Role of Assessment in STEM in Improving Education Quality: In the Context of Digital Transformation — **Kusheкова B.Sh.** (NIS Shymkent-Abay)

Strand 8 · Inclusion and Child Wellbeing (16)

45. Developing non-cognitive skills through the use of case studies — **Baytemirov M.K.** (NIS Kostanay)
46. An experimental justification for Kagan's learning structures in designing a safe speech environment for introverted students — **Meyramkyzy A., Duyseкова A.B.** (NIS Kostanay)
47. Creating a Safe Speaking Environment through Scaffolding: Experience in Reducing Speaking Anxiety — **Murzagaliyeva D.B., Kasymova K.Ye.** (NIS Astana-Nura)
48. Designing Learner Identity through the Character Capsule Framework: An Innovative Approach to Personalised Education — **Umbet A.S.** (T. Zhurgenov School-Lyceum No. 136)
49. "Emotion Alphabet": A Tool for Supporting Students' Emotional Well-being — **Taushanova A.K.** (Karasu Secondary School)
50. JANAMEN in 21 Days: A Trust-Based Model of Student Development — **Salakhiyat A.S.** (Karasu Secondary School)
51. Development of oral communication skills in learners with special educational needs and physical disabilities — **Kuanova L.B.** («Oporny» Hub Secondary School)
52. Developing the creative activity of primary school students through the use of trackers — **Yeraliyeva L.T.** («Turkistan» School No. 17, Kazybek Bi village)
53. A Model for Early Identification of Affective, Social, Cognitive and Physiological Learning Barriers and Comprehensive Support for Primary School Students — **Kurmanova T.A.** (Shokan Ualikhanov School-Lyceum No. 3, East Kazakhstan region); **Moldakhmetova N.T.** (Sh. Ualikhanov School-Lyceum No. 3, Oskemen); **Sekenova Zh.Z.** (Abai Secondary School No. 33)
54. A Pedagogical Model of a Value-Oriented Learning Route Map for Developing the Human Potential of Students with Special Educational Needs in History Lessons — **Amanbayeva Zh.K., Nazhimova A.Zh.** (Orken Secondary School)
55. From Educational Equality to Emotional Connection: A Model of Social and Educational Support for Children from Low-Income and Large Families — **Tautenbayeva A.N.** (Secondary School No. 32)
56. Which elements of pedagogical support should be maintained across different stages of schooling to ensure students' well-being during the transition from primary to secondary school? — **Kirim D.M., Yerzhanova A.Ye.** (Abish Kekilbayuly School-Gymnasium No. 41)
57. The use of microlearning technology to improve the quality of learning outcomes among 8th-grade students with special educational needs — **Akparova Ye.V., Gilmutdinova G.A., Krylova A.D.** (Municipal Secondary School No. 62); **Chizhevskaya Yu.T.** (Center of Excellence)
58. Equal Opportunities as a Prerequisite for Developing the Leadership Potential of Primary School Students: The Experience of Implementing the "Leader of the Week" Project — **Shakirzyanova N.I.** (Abai School-Lyceum, Zhitikara district, Kostanay region)
59. The Impact of Student Tardiness on Student Engagement in Learning — **Kurmasheva A.A., Charmukhametova A.A., Taybazarov N.A., Koksegenova D.Ye., Barkova A.A., Tatimbekov R.Sh.** (NIS Semey)
60. Assisting students to cope with speaking anxiety in the EFL classroom — **Alimzhanova D.Yu., Akisheva M.A.** (NIS Astana-Nura)

Day 2 · 30 October · Poster Session 2 — Educational Content, Language and Digital Technologies

Strand 5 · Curriculum and Educational Content (19)

1. Investigating the Effectiveness of a STEM Approach Using the 5E Model to Develop Laboratory Skills in Biology Lessons — **Nusipzhanova G.K., Unbayeva S.I.** (NIS Aktau)
2. Developing High School Students' Research Competencies through Statistical Analysis of Genetic and Ecological Data — **Unbayeva S.I., Nusipzhanova G.K.** (NIS Aktau)
3. Developing Students' Functional Literacy through Historical Source Interpretation Skills — **Ibrayeva A.T.** (NIS Karaganda); **Baykhanova L.A.** (NIS Pavlodar)
4. Formation of applied mathematical competencies through the systematic inclusion of PISA tasks in the structure of mathematics lessons — **Adylbayeva G.B., Arkhabayeva Zh.K.** (NIS Shymkent-Karatau)
5. Developing Students' Global Competencies: A School-Based Study within the UNESCO Framework — **Adaspayeva N.M., Zayniyeva Z.S.** (NIS Semey)
6. Developing 9th-Grade Students' Historical Thinking and Non-Cognitive Skills Through the Reconstruction of Historical Context — **Dauletkhanova M.S.** (NIS Ust-Kamenogorsk)
7. Development of Students' Research Skills Through Positional Learning Technology — **Sheyko T.A.** (NIS Petropavlovsk)
8. Enhancing Students' Research Skills Through Reflective Journals — **Bizhigitova E.U.** (NIS Taraz)
9. Developing STEM Competencies in Grade 8 Biology Lessons through TRIZ Techniques: An Action Research Study — **Musagulova B.** (Center for Educational Programs)
10. How to teach students to solve real-life math problems by keeping a mathematical self-reflection journal — **Kim R.B., Tastanova M.M.** (NIS Shymkent-Karatau)
11. Implementation and Evaluation of an Author-Developed Model for Preparing Students for International Geography Olympiads Across the Nazarbayev Intellectual Schools Network — **Kasymova A.M.** (NIS Pavlodar); **Nurbayeva A.T.** (NIS Kyzylorda); **Rakhmanova N.B.** (NIS Taldykorgan)
12. Developing Students' Historical Source Analysis Skills Using Tables in Kazakhstan History Classes (Based on the SIRI Strategy) — **Karimova A.B., Rymzhanova A.Ye.** (NIS Taldykorgan)
13. A Data-Informed Pedagogical Model for Personalized Preparation of Students for the Geology Olympiad — **Rakhmanova N.B.** (NIS Taldykorgan); **Kasymova A.M.** (NIS Pavlodar)
14. Developing analytical skills and a deep understanding of biological phenomena by incorporating tasks aimed at developing depth of knowledge (DOK) in biology teaching — **Kultassova S.** (NIS Taraz)
15. ECOFINANCE LAB: an interdisciplinary model for developing financial decision-making skills — **Rakhimgaliyeva D.K.** (Higher Engineering and Technology College); **Bazarova D.Zh., Nagibova G., Demeugaliyeva G.** (NIS Uralsk)
16. The Impact of Research-Oriented Tasks on Developing Grade 12 Students' Research Skills in Kazakhstan History Lessons: Findings from Action Research — **YESZHANOVA G.** (NIS (Natural Sciences & Mathematics) Taraz)
17. Hydropolia as a Model for Integrating the SDGs into the Educational Process: From Ecology to Social Well-being — **Stankevich T., Stankevich Yu.V., Mustafanova G.D.** (School-Gymnasium No. 1, Sarkand district, Zhetisu region)
18. Teaching Economics in English: Evidence from the Monitoring of NIS-Programme Curriculum Implementation — **Samarkhan G.A.** (Center for Educational Programs (branch of AEO NIS))
19. From Monitoring Data to Educational Improvement: Evidence from the Implementation of the Competency-Based NIS-Programme Chemistry Curriculum — **Zhanbulatova G.A., Toltebayeva F.S., Alzhanova G.Zh.** (Center for Educational Programs)

Strand 6 · Language Literacy and Multilingual Education (23)

20. Using Differentiated Vocabulary Practice Tasks to Enhance Student Engagement in English Language Learning — **Aliyeva D.R.** (NIS Turkestan)
21. To develop skills in extracting and processing information from texts using the projecting method, as well as its evaluation in terms of development trends — **Isina B.K., Kabdolla R.Zh.** (NIS Karaganda)
22. The Effectiveness of a Short-Term Intensive Olympiad Preparation Course on English Language Performance: A Pre-Test/Post-Test Study — **Kim Ye.A.** (NIS Astana-Nura)
23. How does cross-curricular teaching aimed at developing CALP impact students' critical thinking — **Askarova A.M., Zhaksylykova A.K., Khadessova Z., Baybiisova B.** (NIS Almaty-Naurzbyay)
24. Developing Students' Creative and Critical Thinking as well as Communicative Competencies through the Use of Storytelling in Russian Language and Literature Lessons — **Abisheva K.** (NIS Turkestan)
25. Teaching Kazakh as a Third Language (Language Acquisition) within the IB Programme: A Transformative Approach to Ensuring Quality Education and Equal Opportunities — **Akhmetova I.A.** (International Steppe School of Astana)
26. Developing students' performance on open-ended reading comprehension questions: An action research study — **Alikulova K.N., Nurmagambetova N.A.** (NIS Shymkent-Abay); **Saparbayeva Z.A.** (Center of Excellence)
27. The Effectiveness of the Selective Reading Strategy in Developing Students' Analytical Skills — **Kusherbayeva I.K.** (NIS Pavlodar)
28. Developing Argumentative Writing Skills Through GenAI-driven Dialogic Feedback: A Three-Cycle Action research in an L3 Classroom — **Plyushko O.S.** (NIS Kokshetau)
29. Multimodal Texts in Education: Tools for Developing Students' Critical and Visual Literacy — **Amirkhanova S.B.** (Yenbekshi Secondary School); **Suatova F.B.** (Karakol Secondary School, Kyzylkoga district, Atyrau region)

30. The Role of Collaborative Learning in Developing Students' Speaking Skills — **Ibragimova A.N., Aydynkyzy A.** (NIS Almaty-Nauryzbay)
31. Developing Seventh-Grade Students' Speaking Skills through the Use of Proverbs and Sayings in the "Maqal Battle" Project — **Abdirova B.** (NIS Aktobe)
32. Improving Students' Vocabulary and Reading Comprehension through Infographics — **Akembayeva G.K., Baibosynova Z., Tezekbayeva G.A., Tundykbayeva S.K.** (M. Auezov Secondary School, Zaisan, East Kazakhstan region)
33. Developing Learners' Individual Potential through the Artistic Interpretation of Poetry — **Zhaksipayeva A.S., Sabanova A.** (International Steppe School of Astana)
34. Developing Students' Argumentation Skills in English Language Lessons through IB Active Learning Methods and the Claim–Evidence–Reasoning (CER) Framework — **Nurgali N.** (International Steppe School of Astana)
35. Developing Argumentation skills in 11th grade students using the Toulmin model in Kazakh language lessons — **Zhumabay A.K., Bayandiyeva D.M., Ortayeva A.E.** (NIS Turkestan)
36. Developing students' analytical skills using the Flipped Writing approach — **Sarina A.A., Alikulova M.S.** (NIS Kostanay)
37. A Pedagogical Model for Personalizing Communicative Language Teaching Based on Teacher – Student – Artificial Intelligence Collaboration in English Language Classrooms — **Khalelova A.R.** (M. Auezov Secondary School No. 20)
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