ILIA VIALYKH

Innovator and tech enthusiast

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EDUCATION AND QUALIFICATIONS

Postgraduate Certificate in Education, International
The University of Nottingham,
December 2017
PGCEi

Master's Degree, Management
St.Petersburg State University of Engineering and Economics,
October 2011

Bachelor's Degree, Management of Innovation
St.Petersburg State University of Engineering And Economics,
June 2006

PROFESSIONAL SUMMARY

Innovative Robotics, Design and Tech, and Computer Science Teacher bringing 10-year background instructing students. Expertise in classroom oversight, course planning and behavior management. Successful at collaborating with teachers, administrative leaders and support specialists to meet individual student needs. Committed to encouraging higher-order thinking to increase student performance.

TEACHING PHILOSOPHY

I cultivate a student-centered, constructivist classroom that empowers learners to develop voice, choice, and ownership. By leveraging project-based learning, I make abstract concepts tangible and human-centered, challenging students to build and design solutions. My focus is on future-proofing students by prioritizing adaptable concepts over temporary trends. I am committed to developing a generation of innovators who can connect diverse ideas, express empathy through creation, and thrive in a rapidly evolving world.

SKILLS

- Student Engagement
- Computer Science
- Digital Literacy
- Robotics
- Curriculum development
- Interdisciplinary projects
- Classroom management
- Astronomy
- Design and Technology
- Digital Media and Design
- Science
- STEM education
- Educational technology
- Tech integration

WORK HISTORY

January 2022 - Current
Berda Claude International School - Astronomy, DT, Robotics, and Science Teacher, Phuket

- Developed and delivered curriculum for Robotics and Astronomy, launched the new Cambridge IGCSE subject - Design and Technology
- Launched the online learning community for students to improve communication and student assessment
- Led Council of International Schools accreditation of the school chairing governance group

- Developed and implemented innovative lesson plans that enhanced student engagement in astronomy and robotics, fostering a passion for STEM education.
- Collaborated with colleagues to design interdisciplinary projects, integrating science and technology to promote critical thinking and problem-solving skills among students.
- Led a variety of after-school STEAM clubs, mentoring students in science, programming and engineering principles, resulting in successful participation in regional competitions.
- Utilized advanced educational technologies to create interactive learning experiences, improving student comprehension and retention of complex scientific concepts.

May 2019 - January 2022
Satit Bilingual School of Rangsit University - Head of Digital Technology Department, Bangkok

- Developed Technology Department curriculum aims.
- Designed an upgrade of the Tech Department Curriculum, introducing 3 new tech subjects: Cambridge Digital Literacy, Cambridge IGCSE Computer Science and Digital Media and Design
- Taught IGCSE Computer Science and Robotics
- Led the implementation of digital learning platforms, enhancing student engagement and improving educational outcomes across multiple grade levels.
- Developed strategic technology initiatives that streamlined administrative processes, resulting in increased operational efficiency and reduced turnaround times.
- Managed cross-functional teams to integrate advanced educational technologies, fostering collaboration and driving innovation within the academic environment.
- Spearheaded the adoption of data analytics tools to assess student performance metrics, enabling targeted interventions and personalized learning paths.

May 2015 - May 2019
Satit Bilingual School of Rangsit University - Homeroom Teacher, Bangkok

- Introduced and developed a learning management system that produced report cards reflecting IB PYP standards and improved teacher-parent communication
- Developed and implemented engaging lesson plans, taught young students lessons that enhanced student learning outcomes and fostered critical thinking skills (IB PYP Curriculum).
- Facilitated a supportive classroom environment, promoting positive interactions and collaboration among students and staff.
- Utilized diverse instructional strategies to cater to varied learning styles, significantly improving student engagement and participation.
- Monitored student progress through regular assessments, providing targeted feedback to enhance academic performance and growth.

CERTIFICATES AND PROFESSIONAL DEVELOPMENT

August 2025
Safeguarding Children

April 2024
Differentiating Assessment for Learning

November 2023
Teacher's Lisence (Thailand)

January 2021
Game Development with Unity

March 2019
Learning through Play

February 2019
International Baccalaureate Diversity and Inclusion

March 2018
Outstanding Teacher Award

October 2016
Brain Based Learning

April 2015
Scholastic Certificate

February 2015
American TESOL Institute Certificate