

ROBERT ZOOK

ELEMENTARY STEAM EDUCATOR

PROFILE

VIEW DIGITAL PORTFOLIO AT RobertZook.com

"...Robert changed the culture of Science and learning at our school and he's built a legacy."

Craig Alan Johnson, Head of School, American School of Bombay

- Innovative elementary educator and leader who is skilled and passionate in authentically integrating STEAM approaches to learning to increase academic rigor, inquiry and engage all learners in elementary school communities.
- Seeking an elementary educator position to continue collaborating with a progressive and dynamic learning community, to impact learning through increasing inquiry and STEAM presence, whether that be as an elementary homeroom teacher, learning coach or coordinator.



CONTACT



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PROFESSIONAL EXPERIENCE

ELEMENTARY SCIENCE AND MAKER COORDINATOR | AMERICAN SCHOOL OF BOMBAY | JULY 2015 - CURRENT | Mumbai, India

- Growing the STEAM presence for all members of the ASB learning community – including students, parents and staff
- Increasing academic rigor by guiding the integration of NGSS science standards into KG – 5 PYP Programs of Inquiry
- Teaching Pre-K – Grade 5 classes, with transdisciplinary integration of STEAM
- Coaching teachers and teaching assistants to build capacity in integrating STEAM into literacy, math and Units of Inquiry
- Creating and delivering workshops on STEAM approaches to learning for ASB staff and educators from across the globe
- Leading integration of coding and robotics into literacy and math instruction
- Collaborating with administrators and other instructional coaches to horizontally and vertically align curriculum
- Leading STEAM Maker Saturdays, a monthly event where more than 200 students, parents and teachers Make
- Technology Coach for 20 educators, leading AR and VR use in learning
- Team Leader for 20 specialists, using Adaptive Schools strategies
- Learning and laughing daily with students

CERTIFICATION

STATE OF NEBRASKA
Teacher Certification in Elementary
Education

EDUCATION

MASTERS OF SCIENCE IN SCIENCE
CURRICULUM AND INSTRUCTION

University of Concordia

Portland, OR

Completion date will be July 2020

BACHELOR OF SCIENCE IN
ELEMENTARY EDUCATION

Peru State College

Peru, NE | June 2006

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EXPERIENCE CONTINUED

FIFTH GRADE TEACHER | AMERICAN SCHOOL OF BOMBAY
JUNE 2014 - JUNE 2015 | Mumbai, India

- Collaborated with Grade 5 team to ensure teaching and learning supported the ASB Mission Statement and PYP
- Built strong relationships with colleagues, students and parents
- Integrated STEAM, Maker, project based learning and passion projects in all subjects, increasing student inquiry and agency
- Integrated Responsive Classroom protocols to build a positive learning community
- Guided and supported students through the PYP Exhibition process

FOURTH GRADE TEACHER | OMAHA PUBLIC SCHOOLS
AUG. 2006 - JUNE 2014 | Omaha, NE

- Developed critical thinkers by teaching diverse 4th Graders all subjects through differentiation, Readers and Writers workshops, PBL and humor
- Co-developed district elementary science curriculum
- Led PD for colleagues at district literacy workshops
- Developed and led after-school programs for robotics, science, math and green technology

PROFESSIONAL HILIGHTS

- STEAM Learning Coach at ASB
- STEAM Consultant for NGO schools
- Author, *Future Forwards*, [Making and Tinkering in the PYP](#), 2014
- Author, Chapter 9, *Maker Minds*, [Maker in the Classroom](#), 2015
- Presenter, NESA Spring Conference, *Integrating Science Standards into a Program of Inquiry*, 2016
- Presenter, *Makeology, Reggio Emilia, Science and Maker*, Chennai, India, 2017
- Presenter ASB Un-Plugged, *Increasing STEAM Presence with Maker Saturdays and Transforming Education with AR and VR*, 2016
- Member R&D Team at ASB, researched micro-schools and gender gap in STEM, 2014 - 2017
- Developed district curriculum to integrate science into literacy, Omaha Public Schools, 2012 -2014

REFERENCES



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PROFESSIONAL DEVELOPMENT

- PYP
- Coding
- Inquiry
- Peer Coaching
- Maker Mindset
- Visible Thinking
- Guided Reading
- Adaptive Schools
- Writers Workshop
- Responsive Classroom
- Project Based Learning
- Augmented and Virtual Reality in Education
- Teacher as Researcher and Developer