Dr. Eric Jackman Institute of Child Study Laboratory School

Connections

2015-2016 Year in Review

July 2015

Dissemination:

Carol Stephenson and Pamela Beach are guest lecturers in Kindergarten Part 1 Additional Qualification course at OISE, led by Demetra

Zoe Donoahue is a guest lecturer in Environmental Education Part 1 Additional Qualification course at OISE, led by Hilary Inwood. Her presentation is entitled "The Structure of an Inquiry Butterflies and Worms".

Andrea Cousineau runs a 3-day Natural Curiosity Professional Development Institute, Making Authentic Inquiry Work, at York University for 30 teachers from the York Region School Board and 30 teachers from a variety of boards in Ontario, in partnership with Learning for a Sustainable Future (LSF). Chriss Bogert attends and supports one day of this Institute. Paraguay, Richard meets with officials from the Secretary of Education (Curriculum) Department, ONG Juntos por la Educacion teacher-educators and he is interviewed by Richard hopes to establish a collaboration in which teachers from both the Lab School and Colegio del Sol can visit and learn from

Dissemination

Cindy Halewood co-facilitates the 3-day Natural Curiosity Professional Development Institute, Critical Issues in Authentic Inquiry, at the Toronto French School in partnership with LSF, for 30 teachers from various Ontario School Boards. Chriss Bogert attends and supports this Institute.

Professional Development:

Melissa Markus, Jackman ICS Kindergarten teacher at the Integrated Kindergarten Program at Holland Bloorview, co-teaches the Bloorview Summer Literacy Program to students from Grades 1 to 12 who have acquired brain injuries and are part of the BIRT (Brain Injury Rehabilitation Therapy) unit at Holland Bloorview. This program is intended to help students identify their injury-related deficits and work on specific goals to help them enhance their current level through a literacy lens through individualized programming.

Cindy Halewood, Zoe Donoahue, Robin Shaw, Chriss Bogert, and Richard Messina visit sites along the Humber River with Doug Anderson, Invert Media, and Allan Colley that

focuses on the popular restorative use of urban lands based on indigenous principles, knowledge, and practices. They support healing of the land and communities, enhanced food security, and education and employment, for urban aboriginal people and our neighbours (https://naadmaagitki.wordpress.com/about/). Some of the Jackman ICS Lab

Comay. The team leads mathematics work with teachers and students in four First Nations communities: Pegamigaabo School (Big Grassy First Nation), Lac La Croix First Nations School, Windigo Island First Nation, and Mikinaak School (Onigaming First Nation). This project is an extension of the Math for Young Children (M4YC) project, initiated and still supported by recently retired Jackman ICS professor and math researcher Dr. Joan Moss in collaboration with Dr. Bev Caswell and our Jackman ICS/ Robertson team. Due to the success of our previous partnerships with schools and communities in the Rainy River District School Board, the Jackman ICS team is invited this year to First Nation federal schools to build knowledge alongside Indigenous educators, Ojibwe language teachers, community members, and Kindergarten to Grade 3

ideas, and build understanding. Representatives from each class attend.

resented in collaboration with the Fraser Mustard Institute for Human Development.

Professional Development:

Raadiyah Nazeem attends an Open House hosted by Duplicom, a leading supplier of audio visual technologies. She explores the latest in education technology from multiple companies including SMART, Copernicus, Lightspeed, and Epson.

Raadiyah Nazeem and Nick Song attend the Toronto Tech for Schools Summit hosted by EdSurge. They are introduced to the latest innovations for supporting teachers in their classrooms as well as work hands-on with products designed to enhance student engagement through the use of technology.

Haley Higdon attends Earth Matters Conference in Canmore, Alberta. This national conference about energy and environmental education is hosted by Alberta Council for Environmental Education partnering with organizations such as Canadian Network for Environmental Education and Communication.

ing and Design Pre-Conference" at Ryerson University to discover how 3D technology (printing, scanning, software) can impact elementary education.

Supporting Pre-service Teacher Training:

Jackman ICS Lab School teachers give presentations to MA CSE students: Cindy

Environment, Zoe Donoahue and Ben Peebles on Classroom Management, Russell Hersen on Music Workshop, Tara Rousseau on Visual Art, Carol Stephenson and Chriss Bogert on Environmental Inquiry in Early Years Classrooms, and Carol Stephenson on Math for the Early Years: linking theory and practice.

questions teachers often ask when teaching with an inquiry approach.

Defining Characteristics of Inquiry-based Learning at The Laboratory School

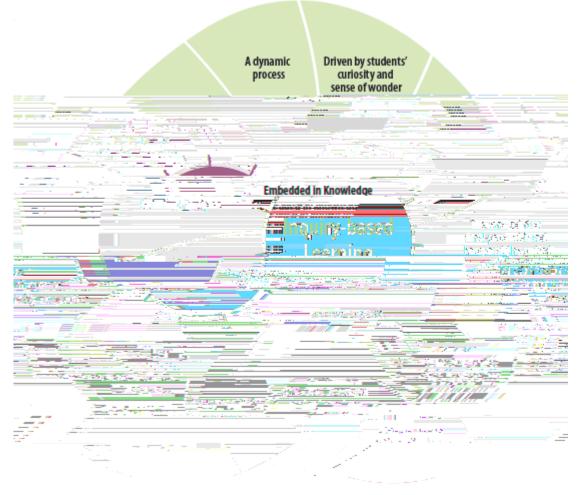


Figure 2: Defining Characteristics of Inquiry-based Learning at The Laboratory School

8 Natural Curiosity: Building Children's Understanding of the World through Environmental Inquiry

Tara

-to-Nation

Toronto event at OCADU.

Haley Higdon along with Pamela Gibson from Learning for a Sustainable Future (LSF) facilitates a 2-

Invited Guests:

Métis artist Christi Belcourt and elder/storyteller Isaac Murdoch work with Jackman ICS students on a mural project. Artists-in-Residence are welcomed by OISE elder Jacqui Lavalley at the school assembly.

School Events:

World Kindness Day: Grade Two students invite Grades One to Six to join a special assembly in their classroom about the importance of practicing kindness at school.

Jackman ICS Book Night is held at Indigo Books. Staff and families gather to support the Lab School Library.

Professional Development:

Outreach:

The Social Justice Club organizes a Food Drive for the Walmer Road Baptist Church Food Bank.

Parent Education:

All members of parent/guardian community are invited to the second Community Knowledge Building Chats (CKBC), an opportunity for them to ask questions, share ideas, and build understanding. Representatives from each class attend.

Supporting Pre-service Teacher Training:

Presentations to the MA CSE Year-2 students by Jackman ICS teachers: Math by Ben Peebles and Shakespeare by Mike Martins and Richard Messina.

Visitors:

Teacher/Primarv Department Head from St. Mildred's-Lightbourn School (Oakville, ON)

January 2016

Haley Higdon, Christel Durand, and Chriss Bogert facilitate Natural Curiosity Institute for French Ministry.

Haley Higdon and Chriss Bogert meet with a representative from Ontario Parks to discuss Inquiry approach training for their summer staff.

Haley Higdon with Stan Kozak (Learning for a Sustainable Future) presents at the Ontario EcoSchools Board Representative Conference at York Uni4 660. 108.02 5 12.24h a repr[y)9(1)-9(

Natural Curiosity:

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Parent Education:

The Jackman ICS Teachers invite parents into the school to share our approach to literacy with a panel of speakers, and to see students engaged in interpreting, creating, and communicating in their classrooms.

Richard hosts a Community Knowledge Building Chat on Natural Curiosity, our environmental education initiative. Haley Higdon and Chriss Bogert present to the parents, and give them a chance to experience a knowledge building circle.

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Convention in New Orleans, LA.

Raadiyah Nazeem attends Reading for the Love of It Conference in Toronto.

Richard Messina attends National Association of Independent School (NAIS) Conference in San Francisco, CA.

Supporting Pre-service Teacher Training:

Tara Rousseau.

Research:

Carol Stephenson and Zoe Donoahue visit Federal Schools with the Robertson Research

March 2016

Dissemination:

The Dr. Eric Jackman Institute of Child Study and the Robertson Program present a public lecture entitled, "Coding in the Curriculum: Something More, Something For?" by Dr. Brent Davis (Werklund Research Professor in Mathematics Education, Werklund School of Education, University of Calgary

Grade 5/6 students and teachers attend Mindstorms Coding Workshop with Brent David and Krista Francis from the Werklund School of Education, University of Calgary

Bev Caswell and Joan Moss provide professional development in spatial reasoning and coding with early years teachers in the Toronto District School Board.

Robertson Team works with TDSB Early Years Instructional Leaders to plan Spatial Reasoning and Number Sense PD

Opening the World of Mathematics: The Daily Math Discussion. National Council of Teachers of Mathematics (March 2016) Vol. 22, Issue 7

Professional Development:

Robertson Team tours Faculty of Engineering with the lens of planning their Coding

Algonquin and Lakeshore Catholic District School Board

The Parent Education Committee welcomes Dr. Reut Gruber to JICS to speak to parents, teachers and researchers about sleep and daytime functioning in youth.

Supporting Pre-Service Teachers:

versity completes a

placement in the Library with Raadiyah Nazeem

Nick Song presents to Queen's University students "Authentic technology use at the Lab

practices and how they can further inquiry within their own classrooms and throughout their school board.

Pedro de Moraes Garcez, Professor at Federal University of Rio Grande do Sul, Brazil

Teachers from: Lancaster School and Corliss Public School (PDSB), Rosedale Day School, Nobleton Public School, YRDSB, Wellington Catholic School Board, Hillfield Strathallan College, Ottawa Carleton District School Board; Howard Public School, Annette PS and Sofía Alfieri and Noelia Butticce join Stael Ruffinelli and Carolina Ruffinelli from the Colegio del Sol, Paraguay Teachers and staff from Brákarborg School in Rejkavik, Iceland Glen Aikenhead, Indigenous Scholar from the University of Saskatchewan Interim Dean Glen Jones Amanda Humphreys from Bishop Strachan School Educators from Roseneath Centennial Public School, Kawartha Pineridge DSB Mikkel Stovgaard, PhD student, Program of School Research, Department of Education, Aarhus University, Denmark Visiting Professors at OISE, from South China Normal University, Shaoming Chai, Meirong Ding, and Joanna Qi, visit the Lab School. These Professors are connected to us through their research wit (IKIT). <u>http://www.oise.utoronto.ca/research/Centre-IKIT.html</u>

Natural Curiosity:

Haley Higdon facilitates a Natural Curiosity/LSF Inquiry Institute in Winnipeg with Stephanie Hammond from Fraser Mustard Early Learning Academy Develop Geometric and Spatial Thinking (Moss, Caswell, Hawes)

JICS Lab School teachers and admin staff receive acknowledgements for their contribution to

Grand Prize Winner Ellie Clin The Grove Community School TDSB Runner Up Rebecca Birtzu Christian Island Elementary School Runner Up Scott Howe & Woodland Heights Elementary School TVDSB

Research:

The Robertson Program and Zoe Donoahue work with Rainy River District School Board educators and First Nation community partners

Professional Work

Richard Messina leads the Klingenstein Summer Institute for Early Career Teachers, Elementary Section at the Klingenstein Center, Columbia University, NY www.klingenstein.org

Professional Development:

Dr. Bev Caswell and Dr. Joan Moss attend the Canadian Mathematics Education Study Group 40th anniversary meeting