

# TEACHER RESOURCE: PLAY-BASED LEARNING RECOMMENDED READING

## SUPPLEMENTARY RESOURCE FOR PLAY-BASED LEARNING VIDEO SERIES

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### About this resource:

The reading list in this document was curated to accompany the Ontario Science Centre's video series on [play-based learning](#), produced in partnership with the Ontario Ministry of Education.

**"Play is a vehicle for learning  
and lies at the core of  
innovation and creativity."**

- Ontario Ministry of Education

# PEDAGOGY AND PLANNING

## PLAY PEDAGOGY:

The ETFO resource *Primarily Play* describes scaffold building, pump priming and informed participation. These three strategies are suggested in Video 5: **Educator Strategies for a Playful Classroom:**

Eden, S., & Millar Grant, J. (2011). *Primarily Play: Engaging Primary Learners Through Play*, Toronto, ON: Elementary Teachers' Federation of Ontario.

**Other key resources from our research process included:**

Ontario Ministry of Education. (2016). *The Kindergarten Program*, Toronto, ON: Ministry of Education.

Wien, C.A. (2015). *Emergent Curriculum in the Primary Classroom* [e-book]. Retrieved from <https://www.tcpspress.com/emergent-curriculum-in-the-primary-classroom-9780807748879>

## INQUIRY-BASED LEARNING:

Harris, C. J., & Rooks, D. L. (2010). Managing Inquiry-Based Science: Challenges in Enacting Complex Science Instruction in Elementary and Middle School Classrooms. *Journal of Science Teacher Education*, 21(2), 227-40.

MacKenzie, T. (2016, December 1). Bringing Inquiry-Based Learning Into Your Class. Retrieved from <https://www.edutopia.org/article/bringing-inquiry-based-learning-into-your-class-trevor-mackenzie>

Martens, M.L. (1999). Productive Questions: Tools for Supporting Constructivist Learning. *Science and Children*, 36(8), 24-27.

## SAFETY:

Science Teachers' Association of Ontario. (2014). *Safety in Elementary Science and Technology: A Reference Guide for Elementary School Educators* [digital version]. Retrieved from <https://stao.ca/introducing-staos-new-elementary-safety-guide/>

# ASSESSMENT RESOURCES

## ICE APPROACH:

The following publication was invaluable to our research process:

Fostaty Young, S., & Wilson, R. (1995). *Assessment and Learning: The ICE Approach*. Winnipeg, MB: Portage and Main Press.

The book *Natural Curiosity* (available online free of charge) provides an excellent summary of the ICE approach, as well as detailed instructions on facilitating knowledge-building circles.

The Laboratory School at the Dr. Eric Jackman Institute of Child Study. (2011). *Natural Curiosity: A Resource for Teachers. Building Children's Understanding of the World Through Environmental Inquiry*, Toronto, ON: Ontario Institute for Studies in Education.

## PEDAGOGICAL DOCUMENTATION:

Kashin, D. (2015, May 17). Pedagogical Documentation: Why? When? Who? What? Where? How? Retrieved from <https://tecribresearch.wordpress.com/2015/05/17/pedagogical-documentation-why-when-who-what-where-how/>

Kashin, D. (2013, April 2). The Three Elements of the Documentation Process: Moving Beyond Display to Interpretation. Retrieved from <https://tecribresearch.wordpress.com/2013/04/02/the-three-elements-of-the-documentation-process-moving-beyond-display-to-interpretation/>

Ontario Literacy and Numeracy Secretariat. (2012, October). Capacity Building Series: Pedagogical Documentation. Retrieved from [http://www.edu.gov.on.ca/eng/literacynumeracy/inspire/research/CBS\\_Pedagogical.pdf](http://www.edu.gov.on.ca/eng/literacynumeracy/inspire/research/CBS_Pedagogical.pdf)

Ontario Literacy and Numeracy Secretariat. (2015, January). Capacity Building Series: Pedagogical Documentation Revisited. Retrieved from [http://www.edu.gov.on.ca/eng/literacynumeracy/inspire/research/CBS\\_PedagogicalDocument.pdf](http://www.edu.gov.on.ca/eng/literacynumeracy/inspire/research/CBS_PedagogicalDocument.pdf)

Ontario Ministry of Education. (2014). *How Does Learning Happen? Ontario's Pedagogy for the Early Years* [digital version]. Retrieved from <http://www.edu.gov.on.ca/childcare/HowLearningHappens.pdf>

## GENERAL ASSESSMENT RESOURCES:

Earl, L. M. (2012). *Assessment as Learning: Using Classroom Assessment to Maximize Student Learning*. Thousand Oaks, CA: Corwin Press.

Ontario Ministry of Education. (2010). *Growing Success: Assessment, Evaluation, and Reporting in Ontario Schools* [digital version]. Retrieved from <http://www.edu.gov.on.ca/eng/policyfunding/growSuccess.pdf>

Ontario Ministry of Education. (2016). *21st Century Competencies: Foundation Document for Discussion* [digital version]. Retrieved from [http://www.edugains.ca/resources21CL/About21stCentury/21CL\\_21stCenturyCompetencies.pdf](http://www.edugains.ca/resources21CL/About21stCentury/21CL_21stCenturyCompetencies.pdf)

# OTHER USEFUL RESOURCES

Aikenhead, G., & Michell, H. (2011). *Bridging Cultures: Indigenous and Scientific Ways of Knowing Nature*, Don Mills, ON: Pearson Education.

Boaler, J. (2016). *Mathematical Mindsets: Unleashing Students' Potential Through Creative Math, Inspiring Messages and Innovative Teaching*, San Francisco, CA: Jossey-Bass & Pfeiffer Imprints.

Brown, S. (2008). Play is More Than Just Fun [Video]. Retrieved from [https://www.ted.com/talks/stuart\\_brown\\_play\\_is\\_more\\_than\\_just\\_fun](https://www.ted.com/talks/stuart_brown_play_is_more_than_just_fun)

Elementary Teachers' Federation of Ontario. (2010). *Thinking it Through: Teaching and Learning in the Kindergarten Classroom*, Toronto, ON: Elementary Teachers' Federation of Ontario.

Gini-Newman, G. (2017). Critical Thinking with Garfield Gini-Newman. Retrieved from <http://www.engagingalllearners.ca/ip/critical-thinking/>

Gopnik, A. (2017). *The Gardener and the Carpenter: What the New Science of Child Development Tells Us About the Relationship Between Parents and Children*, New York, NY: St. Martin's Press.

Ontario Ministry of Education. (2013). *Creating Pathways to Success: An Education and Career/Life Planning Program for Ontario Schools* [digital version]. Retrieved from <http://www.edu.gov.on.ca/eng/document/policy/cps/CreatingPathwaysSuccess.pdf>

Ontario Ministry of Education. (2013). *School Effectiveness Framework: A Support for School Improvement and Student Success* [digital version]. Retrieved from <http://www.edu.gov.on.ca/eng/literacynumeracy/SEF2013.pdf>

Ontario Ministry of Education. (2016, May 31). Policy/Program Memorandum No. 159: Collaborative Professionalism. Retrieved from <http://www.edu.gov.on.ca/extra/eng/ppm/ppm159.pdf>

Sahlberg, P. (2015). *Finnish Lessons: What Can the World Learn from Educational Change in Finland?* New York, NY: Teachers College Press.