

Manitoba access to the Science of Early Child Development (SECD) resources is part of Manitoba's Action Plan, under the Canada-Manitoba Early Learning and Child Care Agreement for residents of Manitoba. In order to access them you must do so from a computer or device located in Manitoba.

# Using SECD Resources for Professional Development

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SECD resources are an ideal, cost-effective way to provide professional development to staff in early learning and child care centres. A Director/Supervisor could select a topic to explore at each staff meeting – or have staff members sign up on a rotating basis to choose a topic.

With the variety of elements within SECD there are several ways to address a topic, for example: show videos, distribute the easy-to-print short readings and “consider” examples, use questions on the SECD webpage for group discussion, and/or show the “Interact” review games or slideshows. Sometimes, it can be useful to have people to do a short reading before the meeting so everyone has given some thought to the topic ahead of time.

You can incorporate SECD professional development (PD) briefly, with 10-15 minutes at each meeting, or go more in depth and devote a longer timeframe to a particular topic.

At each session:

- ❖ Try to include some theoretical/research based information that might be new for staff. Relate it to your centre/children.
- ❖ Include some practical ideas that staff can use/apply immediately. Have people commit to try something new.
- ❖ Leave time for discussion so people have time to consider how the information relates to their work and new ideas they would like to try.
- ❖ Devote time at the next meeting to review the previous topic and discuss what people tried and how it went.

On the follow pages, you will see some possible PD topics and SECD content that will support your staff learning. Feel free to explore the resources to come up with ideas that will inform and inspire your co-workers.

***Free access in Manitoba: [mb.scienceofecd.com](http://mb.scienceofecd.com)***

Suggestions are from the SECD North American Edition living textbook.

Modules are:

BD = Brain Development  
 CC = Coping and Competence  
 CL = Communicating and Learning  
 EC = Ecology of Childhood  
 DH = Developmental Health

- **Planning Environments for Learning** - CL p. 3.2, has a variety of information on this topic. There are photos of **indoor and outdoor play** spaces including a 360 degree view of an outdoor playground. As a ‘takeaway’, staff could be asked to review and respond to the reflection questions “Think about a play space...” and come to the next staff meeting ready to discuss. Together, view “**Welcoming environment**” (EC p. 3.2) and discuss whether your program could benefit from some changes. Ask each staff person to identify one idea from the video to apply to the program environment within the next week.

- **Nurturing Care and Brain Development** – the brain development module helps child care staff understand **why nurturing, sensitive care is so important for children’s overall health and well-being**. Look at BD p. 2.2 to delve into this topic and on BD p. 3.3 see examples of “**serve and return**” interactions.
- **Emotional Learning and Aggression** – CC p. 2.3 has a wealth of information including videos and readings. The topic of **play-fighting/rough and tumble play** is explored and could form the basis for staff discussion, focusing on implications for your children/centre.
- **Self-Regulation** - Look at CC p. 1.1 to learn about **self regulation**. Together, view “Shanker – **supporting self regulation**” (CC p. 3) and “Corter – **self regulation and dramatic play**” (CC p. 1). Discuss implications for your centre and children.
- **Active Play** – Select materials from CC p. 2.6 and p. 3.3 sections on Active Play. Do some group activities that analyze the amount of active play children at your centre have each day. For instance, each staff person could select a child to track for one day, tallying the number of minutes in active play, and share results at the staff meeting. Brainstorm **ways to promote active play** at your centre. Each staff can select one from the master list and commit to trying it over the next week/month.
- **Risky Play** – See sections on Risky Play on CC p. 2.6 and 3.3. There is a wealth of information, including videos about types of risky play, **opportunities for children, challenges and hurdles**. These videos and readings provide lots of “food for thought” and can be a springboard for discussion.

- **Literacy**– CL p. 1.2 has basic information/definitions. “Cutting the Bug” on page CL p. 3 provides good examples of **strategies to promote language development** and can be used by your staff to analyze their own interactions, and brainstorm other ways they can promote language in your program. CL p. 2.3 has information about **promoting literacy, the importance of a print rich environment and promoting reading**. The language and literacy reading provides important information for practitioners, as well as some checklists that the staff could use to **analyze/assess their environment** and/or to brainstorm ways to enhance their program. CL p. 3.1 has a section on supporting literacy, including videos of experts and children with lots of examples of how staff can support children’s language and literacy. Discuss practical ways this can be applied in your program. What ideas can your staff come up with that would encourage literacy?
- **Numeracy** – CL p. 1.2 has basic information/definitions. On CL p. 2.4 there is information that you can use to review **matching, classifying, comparing and ordering**. Do the *Interact* as a group. Then, using chart paper, for each of the four concepts, list ways you promote this concept with children at your centre. What materials do you use? What questions do you ask? OR, you could consider common play materials and come up with a play idea for each of the four math concepts. Ask staff to read the CCCF article “**Ages and stages of numeracy development**” prior to the staff meeting. CL p. 3.1 has a section on supporting numeracy – review the “Math with Kids is Fun” article. Ask each staff member to identify one new activity/experience they will organize/offer/facilitate within the next week.
- **Planning for Communicating and Learning** – CL p. 2.5 has a variety of videos and readings about **Inquiry** that are suitable for staff learning and discussion. Link these concepts with information on CL p. 3.1 about guiding and facilitating children’s learning and development. View “image of the child” (Clinton video), and discuss readings on play-based programming. Discuss strategies adults use including scaffolding (Durrant video can be used to explain this concept – staff can then discuss/share their own examples/role play).
- **Refresh Your Curriculum Statement** – All centres/nursery schools in Manitoba will have a Curriculum Statement based on Manitoba’s Curriculum Framework. CL p. 3.3 is all about creating curriculum. Look at the curriculum continuum. **Review your Curriculum Statement – where does it fall on the continuum?** How familiar are your staff with the various models outlined on CL p. 3.3? Would they like to learn more about the **Abecedarian approach? Emergent curriculum? Reggio Emilia?** Choose videos or readings that might be of interest. Does your Curriculum Statement reflect any of these approaches? Are there any new aspects you would like to incorporate and/or try?

- **Children’s Rights** – See EC p. 1.2 for information about the **United Nations Convention on the Rights of the Child**. View video “My rights”. List each of the 10 articles highlighted in the video on chart paper. Discuss/explore each. In your program, how do you ensure that these rights are met?
- **Are You an Orchid or a Dandelion?** – This might be suitable for a shorter discussion at a staff meeting. Explore the materials on EC p. 1. Ask staff to **consider how this might relate to children at your centre**. Discuss how this might affect interactions with children.
- **Effects of Early Learning and Child Care** – It is important for staff to have current information about the impacts of child care on young children. What does the research indicate? **What are the benefits of child care for children? What are the concerns?** See EC p. 2.2, (including the Want To Know More section with articles on impact). Divide up the readings so that staff can read different articles and come to the staff meeting ready to share. Consider the statement that good quality programs are good for children. Discuss what this means for your staff and their professional role/responsibility.
- **Integrated Programs** – Perhaps you want to **work more closely with the school in your community** - EC p. 2.4 has readings and videos that could be shared at a staff meeting that might spark conversation, brainstorming, and action.
- **Understanding the EDI** – If the EDI results have been shared with your program, staff may want to know more about the instrument. See DH p. 2.3 for information.
- **Understanding the *Early Childhood Education Report*** – This report is typically produced every three years. Perhaps the most recent report has just been released, or perhaps your staff are interested in learning more about **how Manitoba’s system compares to that of other provinces and territories**. DH p. 2.3 (environmental scan section) has video interviews with experts who explain the background, criteria, etc. There are links to the most recent report that can also be reviewed/shared with staff.
- **Reflective Practice** – This is one of the newer sections added to SECD. See CL p. 3.1 and CL 3.2 for expert interviews and readings on reflective practice, invitations, documentation and more. The material can be used to provoke people to think deeply about the work they do with children each day. **How to support reflective practitioners, tools, benefits, and the role of observation and documentation** are all considered.