TSC Category	Child Learning and Development					
TSC	Early Childhood Curriculum Design					
TSC Description	Design culturally and developmentally appropriate curriculum for holistic learning experiences for children of all levels including infants					
TSC Proficiency	**Level 1**	**Level 2**	**Level 3**	**Level 4**	**Level 5**	**Level 6**
			ECC-CLD-3002-1.1	ECC-CLD-4002-1.1	ECC-CLD-5002-1.1	ECC-CLD-6002-1.1
			Implement developmentally appropriate learning experiences and make adaptations to the learning environments to support children's interaction	Customise learning experiences according to children's developmental stages, needs and interests	Evaluate the Centre's curriculum approaches to incorporate key theories, trends and good practices to ensure holistic learning experiences	Drive the development and review of curriculum for Centres, according to national guidelines and evidence-based research
Knowledge			• Singapore's Early Childhood frameworks • Principles of holistic child development • Stages of child development • Developmentally appropriate approaches and activities • Centre's curricula and programmes • Effective ways of interactions between educator and children • Diverse needs of children • Effective ways of curriculum planning and implementing learning experiences <u>Technology Integration</u> • Dangers and impact of inappropriate technology usage on child development • Types of age-appropriate learning technologies	• Strategies to customise learning experiences • Approaches to curriculum design • Appropriate learning goals for children individually and collectively based on knowledge of child development, pedagogy, and the children's needs • Guiding principles to plan learning experiences aligned to the Centre's curriculum • Factors to consider in customising curriculum and programmes <u>Technology Integration</u> • Strategies to deliver learning plans through the use of technology • Data and privacy guidelines when implementing learning technologies	• Key trends and best practices in child development and curriculum leadership • Guiding principles to develop curriculum and programmes • Links between curriculum, pedagogy, assessment and programme evaluation • Strategies to drive successful implementation of teaching and learning experiences • Different methodologies to analyse and evaluate teaching and learning experiences <u>Technology Integration</u> • Measures for evaluating effectiveness of technology-enabled programmes, curricula and pedagogy on child's development progress Strategies for integrating technologies into programmes, curricula and pedagogy	• Research of Early Childhood Development • Policies, guidelines and regulations pertaining to Early Childhood Education • Types of curriculum approaches • Strategies to lead in the design, implementation and review of curriculum and programmes • Indicators of effective curricula and programmes • Goals and objectives of curricula and programmes of each Centre within the Cluster <u>Technology Integration</u> • Structure, guidelines and processes for integrating learning technology into programmes, curricula and pedagogy • Current trends and best practices in meaningful use of technology for early childhood development

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					• Strategies for monitoring and reviewing children's development progress after integrating technology use in lesson delivery	
Abilities			• Implement developmentally appropriate learning experiences • Adapt curricula to meet learning goals and objectives and the needs of children in the classroom • Adapt learning environment to ensure that children can engage in safe and positive interactions • Create and learning materials and review their effectiveness • Identify learning goals of an intentional programme <u>Technology Integration</u> • Identify and highlight inappropriate use of technologies to supervisors and families • Implement learning technologies in accordance with learning delivery plans and guidelines	• Plan learning experiences that are in line with the Centre's curriculum • Customise learning experiences according to children's developmental stages, needs and interests • Plan programmes, lessons and activities to help children achieve the learning objectives • Guide the implementation of learning experiences that engages children meaningfully in accordance to curriculum framework • Suggest enhancements to learning experiences based on observation of child's learning and developmental needs <u>Technology Integration</u> • Review and facilitate adoption of technologies into programmes, curriculum and pedagogy • Consolidate feedback and assess impact and effectiveness of technological tools on programme delivery	• Design curriculum based on Centre's philosophy and colleagues' input • Identify current best practices and key trends on effective curricula • Evaluate and refine learning experiences • Co-develop an integrated and effective system of curriculum, evaluation and programme development with colleagues • Lead educators to ensure alignment of learning experiences to Centre's curriculum • Co-design a robust evaluation process to review learning experiences • Design appropriate learning materials aligned to the Centre's curriculum <u>Technology Integration</u> • Evaluate and refine the range of technologies to be used in programme, curricula and pedagogy • Formulate processes for monitoring and reviewing children's development progress after integrating technology use in lesson delivery • Devise strategies to partner parents to use	• Develop a curriculum based on guiding principles of national frameworks to achieve desired outcome • Establish curriculum development processes and standards • Incorporate research findings, emerging trends and insights into curriculum development and design • Lead the implementation, review and improvement of curriculum aligned to the goals and objectives of each Centre within the Cluster • Develop appropriate learning objectives for Centre's curricula and programmes, based on Centre's learning goals • Facilitate discussions and gather feedback from colleagues on the effectiveness of customisation of curriculum, use of appropriate pedagogy, and alignment of curriculum to the Centre's vision, mission and values • Make appropriate changes to Centre's curriculum based on feedback gathered from colleagues

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					technologies for learning at home	Technology Integration • Keep abreast of trends and emerging developments in using technologies to create meaningful experiences • Establish objectives and guidelines in the integration of technology in programme, curriculum and pedagogy

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