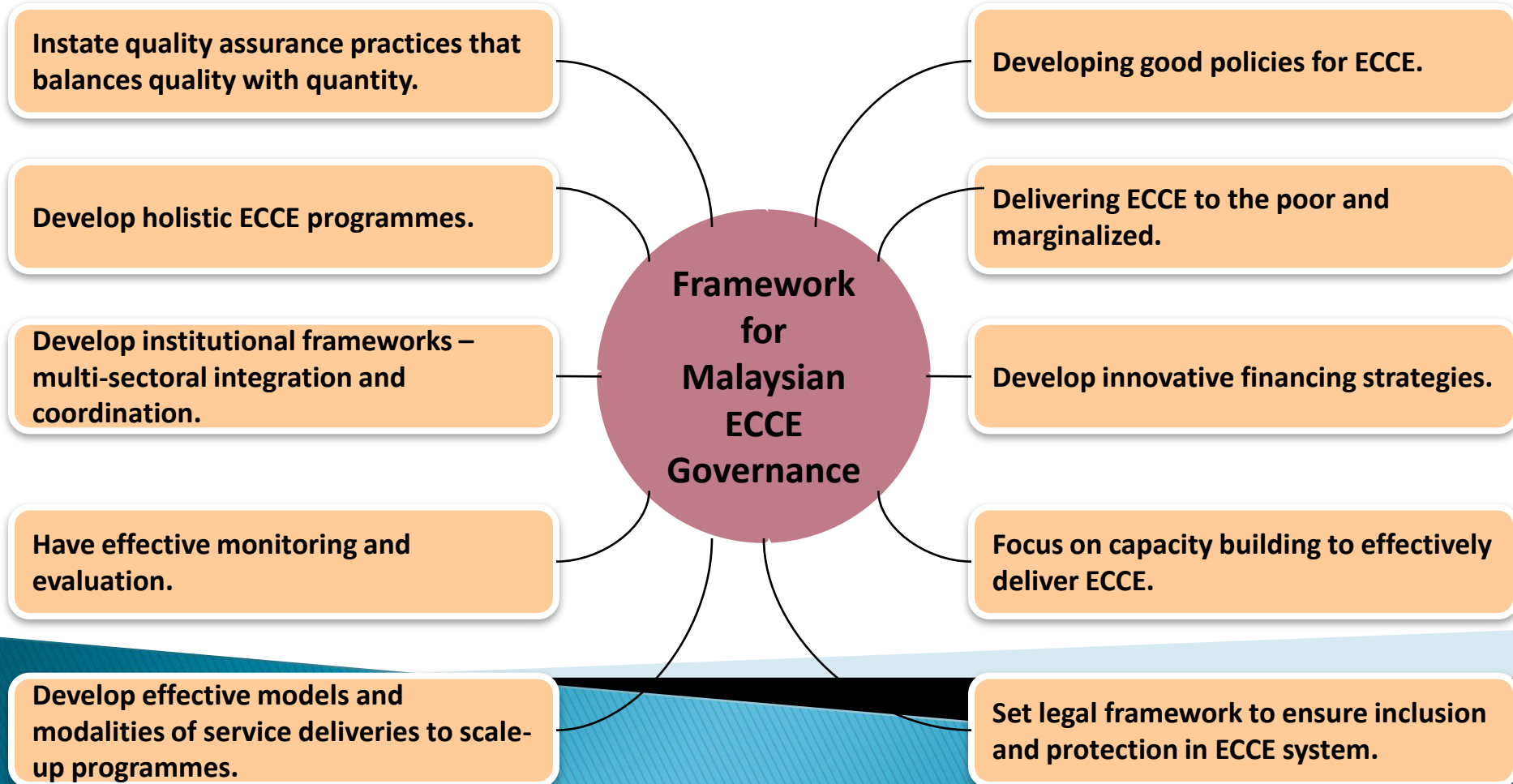




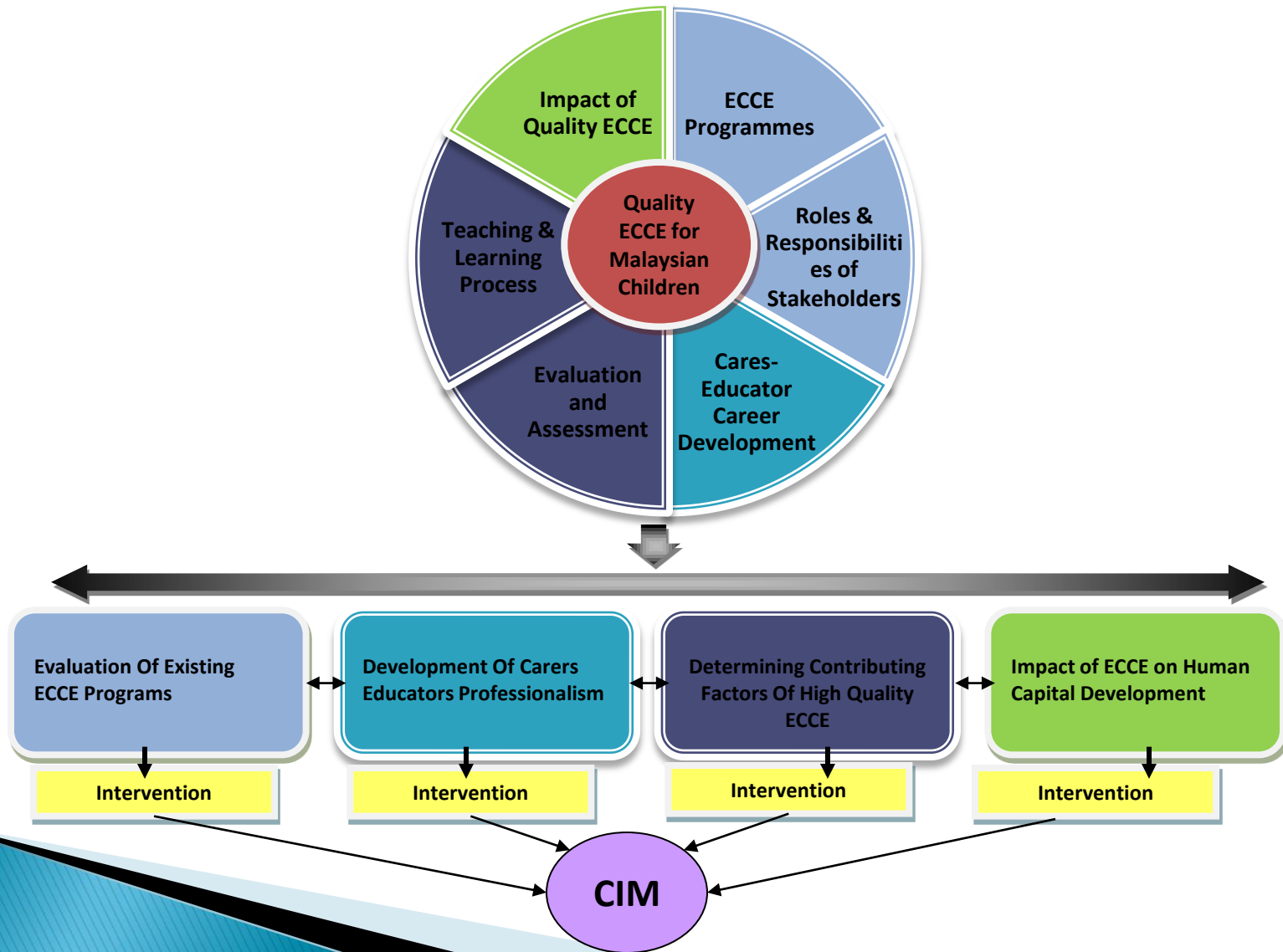
PROPOSED RESEARCH CLUSTERS

PROF. DR. SOPIA MD YASSIN
DIRECTOR, NCDRC

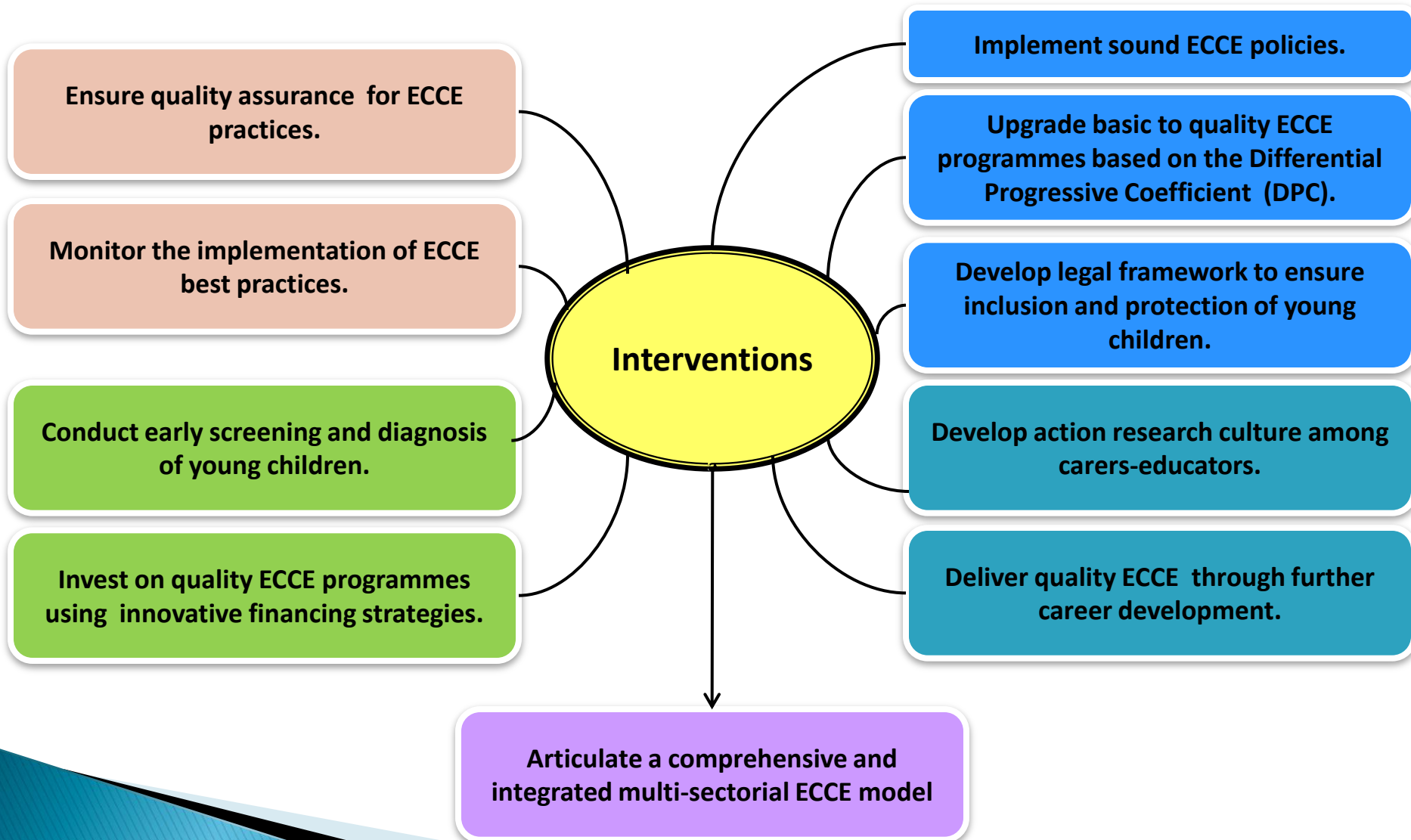
CURRENT SCENARIO



RESEARCH MODEL



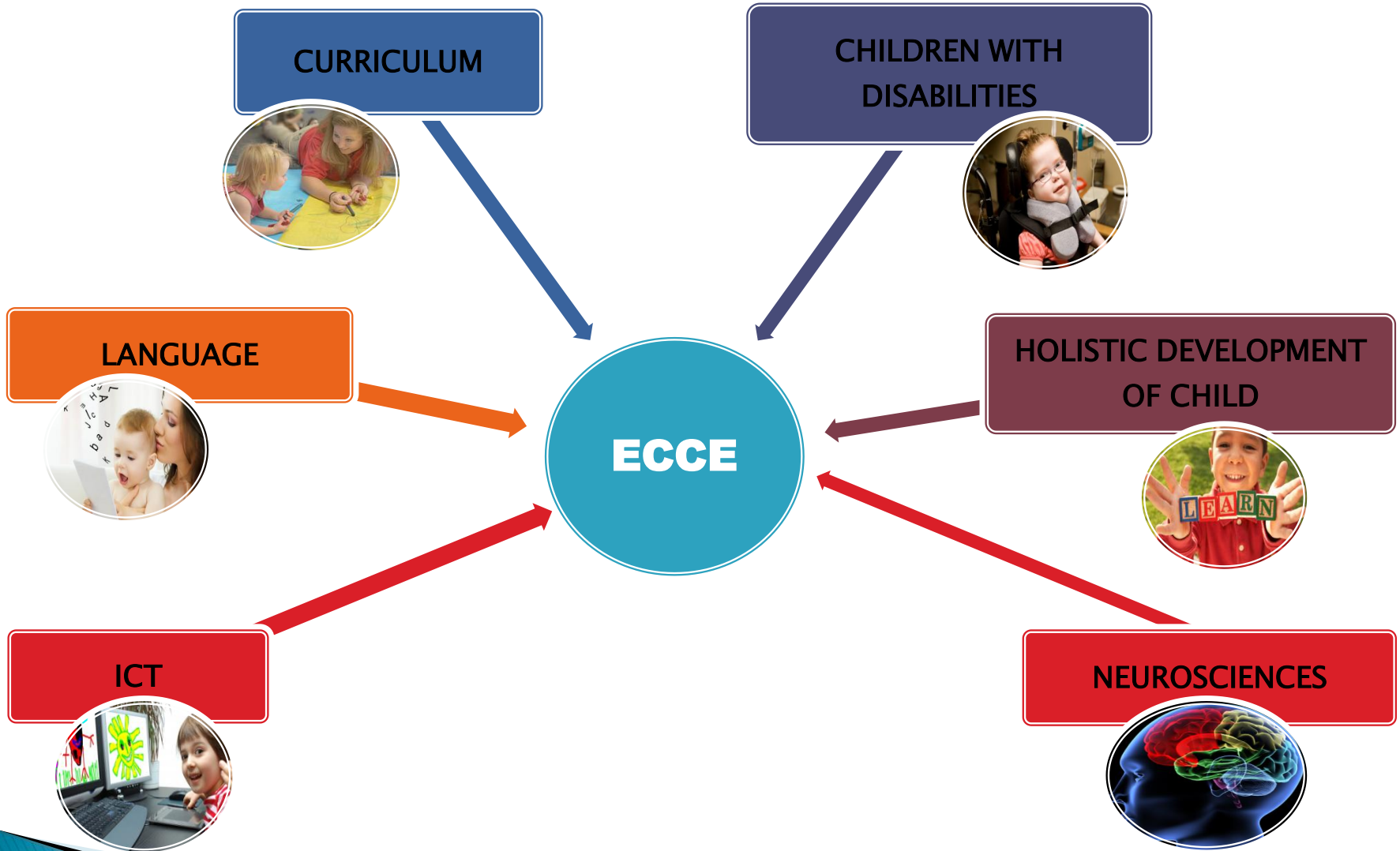
PROPOSED INTERVENTIONS

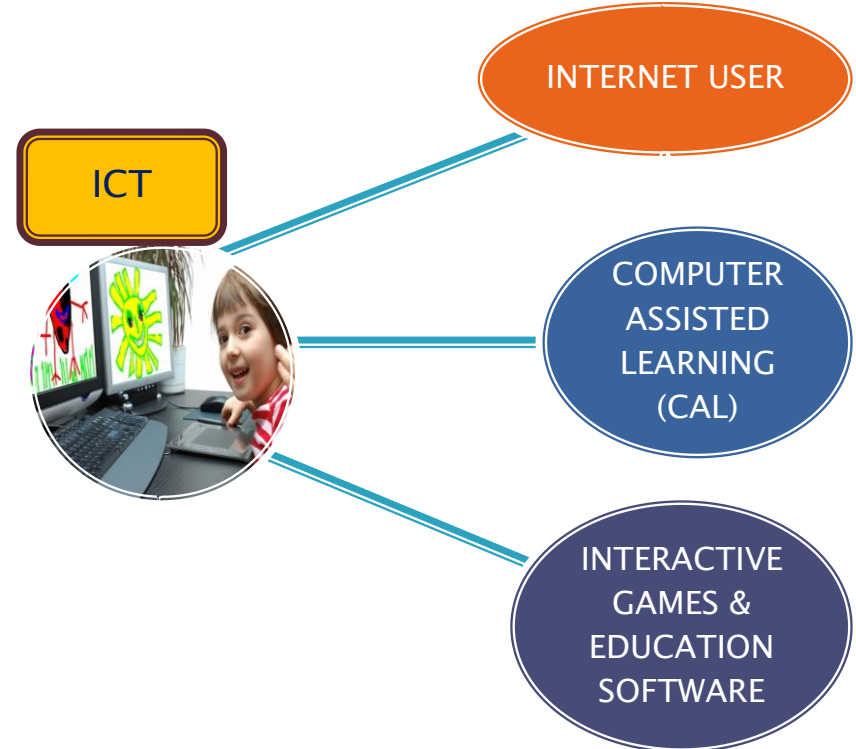
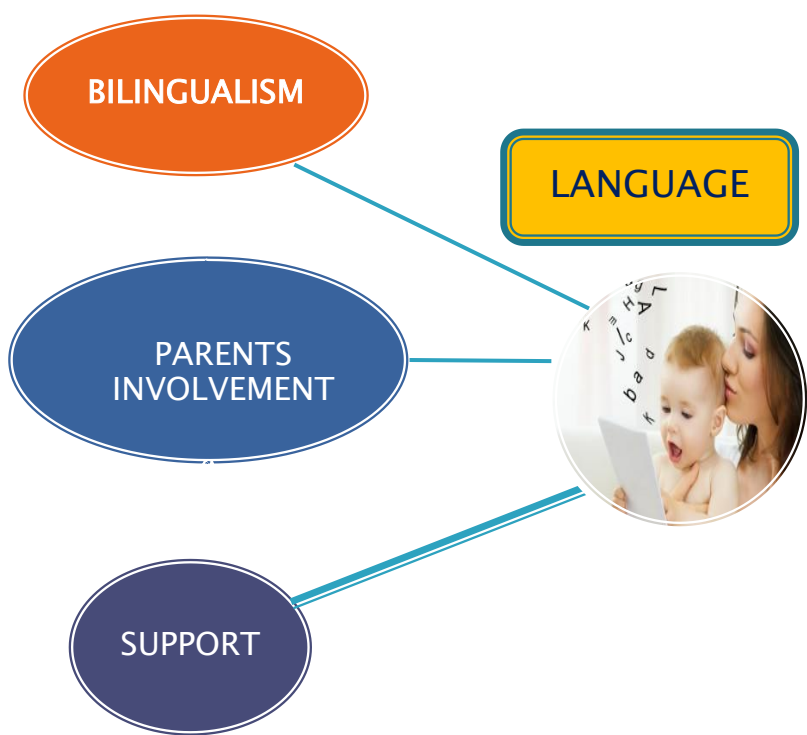


Methodology



- Online Journals
- Early Childhood Edu J, The future of children, etc.
- 2008-2012 (5 years)
- Titles and Abstracts
- 300 articles
- Children: 0-6 years old





CHILDREN WITH DISABILITIES

AUTISM



MULTIPLE DISABILITIES

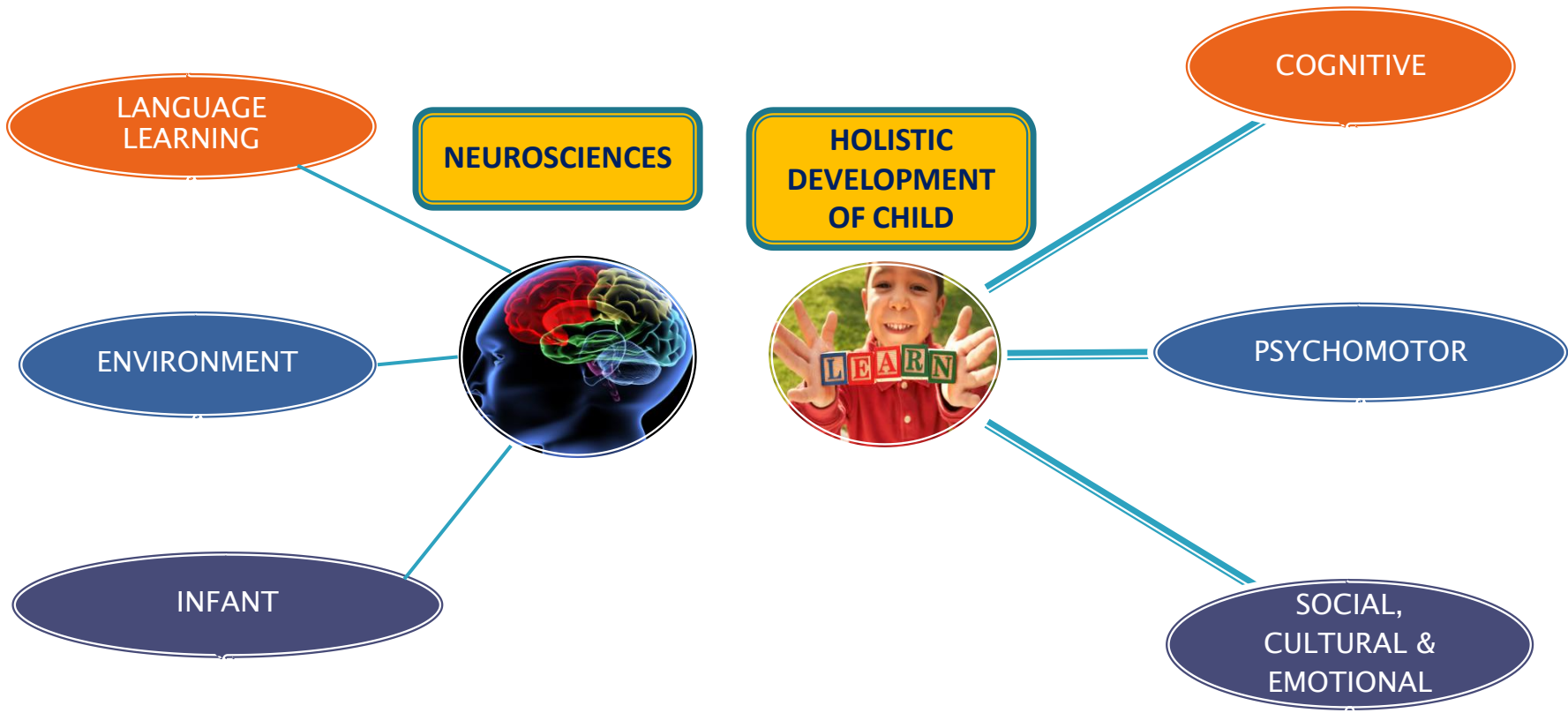
CURRICULUM



MONTESSORI

STRONG START

REGIO EMILIA



LANGUAGE LEARNING

NEUROSCIENCES

HOLISTIC DEVELOPMENT OF CHILD

COGNITIVE

ENVIRONMENT

PSYCHOMOTOR

INFANT

SOCIAL, CULTURAL & EMOTIONAL

UNCOVERING THE NATURE OF YOUNG CHILDREN'S CONCEPT FORMATION WITHIN PLAY-BASED PROGRAMS



RESEARCH OBJECTIVES

- ▶ Determine how young children develop conceptual understandings in science.
- ▶ Provide ways to reveal and reflect upon everyday and scientific concept formation within different societal conditions.
- ▶ Determine factors that influence children's concept formation.
- ▶ Compare strategies used by young learner to demonstrate their concepts in urban and rural settings.
- ▶ Examine the relations between everyday concepts and scientific concepts within play-based contexts.
- ▶ Identify children's alternative concepts during play.
- ▶ Map the stratas of thinking that children exhibit within play-based contexts.

UNCOVERING THE NATURE OF YOUNG CHILDREN'S CONCEPT FORMATION WITHIN PLAY-BASED PROGRAMS



RESEARCH METHODOLOGY

- Qualitative Approach
- Sampling
 - Four zones (North, East, Souths, West)
- Data gathering methods
 - Video recordings
 - Interviews
 - Document Analysis

Zones/ State	Main Demographic Characteristics Of Centres	
	Name/Age Group	Locality
North/ Kedah	3+ (PAPN)	Pusat Anak Permata Negara Kangar, Perlis
	5+(MOE)	SK Wan Sulaiman Sidiq, Jalan Tambang Badak, Kedah
South/ Melaka	3+ (KEMAS)	PPAK Taska Permata Anakku KEMAS, Jasin, Melaka
	5+(MOE)	SK Durian Daun(K), Masjid Tanah, Melaka
West/ Selangor	3+ (Private)	Taska Permata Nasyrah, Putrajaya
	5+(Private)	Peter & Jane Kindergarten, Petaling Jaya, Selangor
East/ Terengganu	3+ (YPKT)	Taska Permata Keluarga Belukar Jambu, Kuala Terengganu
	5+(KEMAS)	Tabika Kampung Tok Dor, Jerteh, Besut, Terengganu



THANK YOU