

## **SEAMEO-The University of Tsukuba Symposium IX**

Theme: Resilience for Global Citizenship Sub-Theme: Challenges in Education under COVID-19

# Early Childhood Education and Family Education as the Foundation of Individual Resilience: Lesson Learn from Covid -19 Pandemics

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**SEAMEO CECCEP** 





### **21st Century Characteristics**

- Borderless world
- 2. Inter-countries mobility
- 3. Rapid flow of information
- 4. More hybrid culture
- 5. Multicultural society
- 6. Interactions between local and global values



### **Double Disruption**

21st Century Characteristics + Covid – 19 Pandemics

Creates

Opportunities + Toughness = Resilience



- Resilience is the ability to withstand threats or shocks, or the ability to adapt to new livelihood options, in ways that preserve integrity and that do not deepen vulnerability. The resilience of a household is related to the available resources (e.g. financial, assets, human capital, social resources etc.) and household's ability to use these resources (e.g. access to markets, access to public services and social protection). (UNICEF, 2017)
- Studies on resilience show that human beings can foster strengths and coping abilities that allow them to transform crisis situations into opportunities. (World Bank, 2013)



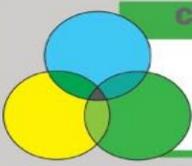
# 21st Century Skills

### **Metro 4Cs Rubric Performance Areas**



#### **Critical Thinking**

- · Information & Discovery
- · Interpretation & Analysis
- · Reasoning
- · Constructing Arguments
- · Problem Solving
- Systems Thinking



#### Collaboration

- · Leadership & Initiative
- Cooperation
- Flexibility
- · Responsibility & Productivity
- · Collaborate Using Digital Media
- Responsiveness & Constructive Feedback



#### Communication

- . Effective Listening
- · Delivering Oral Presentations
- · Communicate Using Digital Media
- Engaging in Conversations & Discussions
- Communicating in Diverse Environments



#### Creativity

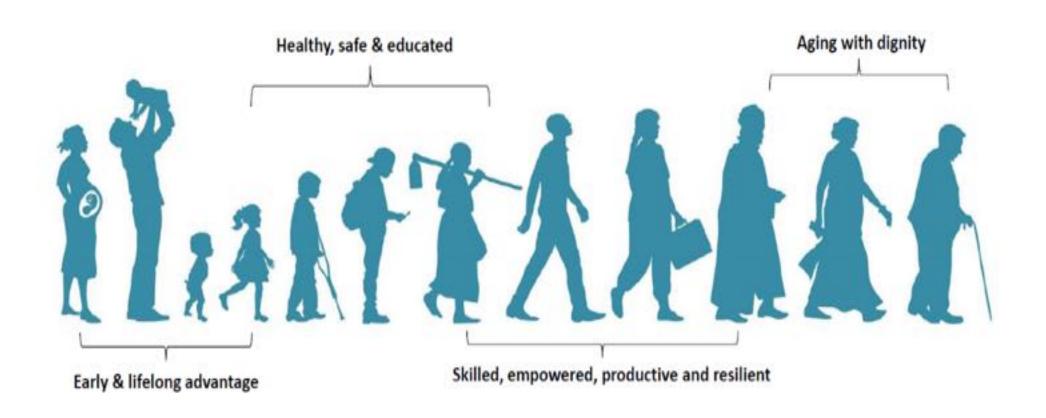
- Idea Generation
- Idea Design & Refinement
- . Openness & Courage to Explore
- · Work Creatively with Others
- Creative Production & Innovation

#### Writing to:

- Inform
- · Support an Argument With Claims
- Engage and Entertain



### From Womb to Tomb



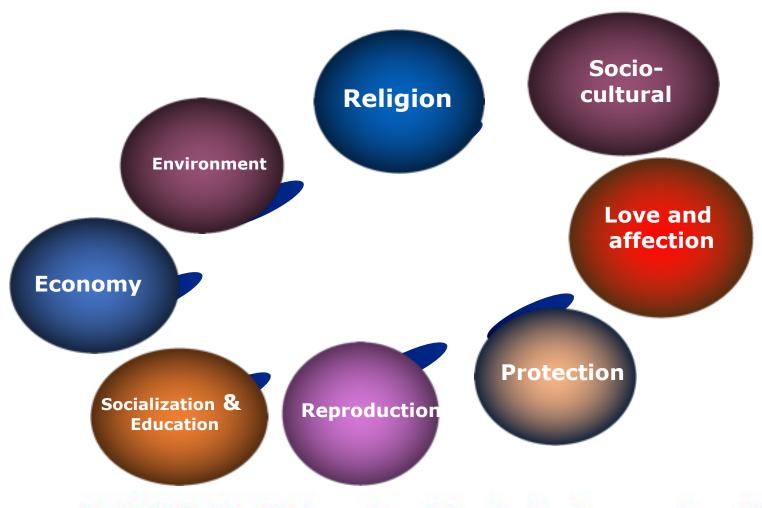
Sumber: Statista, 2018







### **8 Functions of Family**

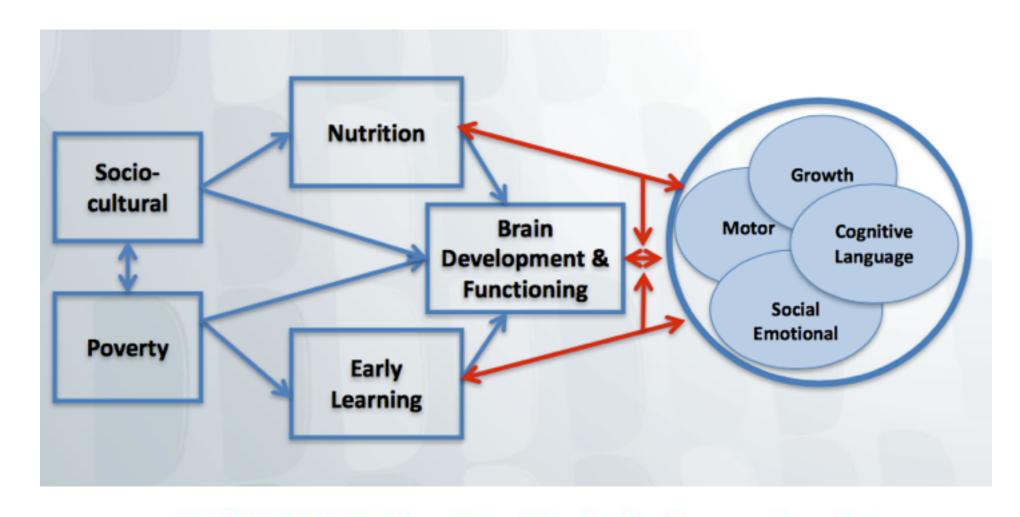








### **Development Framework of Early Childhood**









### Walter Mischell and Ebbe Ebbesen, 1970:

Marsmellow Test – delayed gratification

### James Heckman Economic Noble Winner, 2000:

- Developing cognitive skills, social skills, and health as early as possible from birth to 5 years old; non-cognitive variable (soft skills) as a parameter of success in life; self-regulation skills. Facing pressure, delaying gratification, resiliency against boredom, tendency in making plans.
- The importance of investment in education for whole family, especially vulnerable familiies to get access equality towards early childhood development.

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### The Benefits of Having High Quality Early **Childhood Education**



Providing high quality ECE for low-income families:

- ➤ Reduce social costs
- ➤ Stronger families
- >Higher achievement
- ➤ Stronger national economy

Stress on the lowincome

- children's damaging brain development, before even birth.
- children's brain from poor families is shrinking 6 percent since birth.

Source: Heckman, 2010







"No one is born a good citizen; no nation is born a democracy. Rather, both are processes that continue to evolve over a lifetime. Young people must be included from birth. A society that cuts off from its youth severs its lifeline. Kofi Annan







### RESILIENCE COMPONENTS

#### RESILIENCE LEVERS

#### **POLICY GOALS**

Education in adversity

- · What adversities students face
- How the education system is addressing risks in schools

Manage and minimize risks

Assets and engagement

- How students seek resilience through control. competence and being accountable
- Howstudents seek resilience through their socioemotional well-being via engagement with others (peers, teachers, families, etc.) and identity formation

Use and protect assets

Foster schoolcommunity support

Deliver resilience aligned services

Education resilience process

Relevant school & community support

- · How schools provide support and opportunities to students through actions or approaches regarding access, permanence, teaching and learning
- How school and community partnerships support student outcomes in contexts of adversity

Aligned education system support

- · How the education system provides a strategic direction for relevant education in adversity contexts
- How education programs integrate learning, socioemotional well-being and protection
- What human, material and financial resources are accessible to support at-risk education communities

Positive learning outcomes in spite of adversity

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