

Preparing and Inspiring Youth Toward a Balanced and Successful Life



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The essential reform is this: to put the adolescent on the road to achieving economic independence. We might call it “A school of experience” in the elements of social life.

Education should therefore include the two forms of work, manual and intellectual, for the same person and thus make it understood by practical experience that these two kinds complete each-other, and are equally essential to a civilized existence.

-Dr. Maria Montessori

“When the hand and mind operate together they trigger brain functions that are the building blocks of learning.”

- Neuropsychologist Dr. Steven Hughes

Public School Montessorian Spring 2008

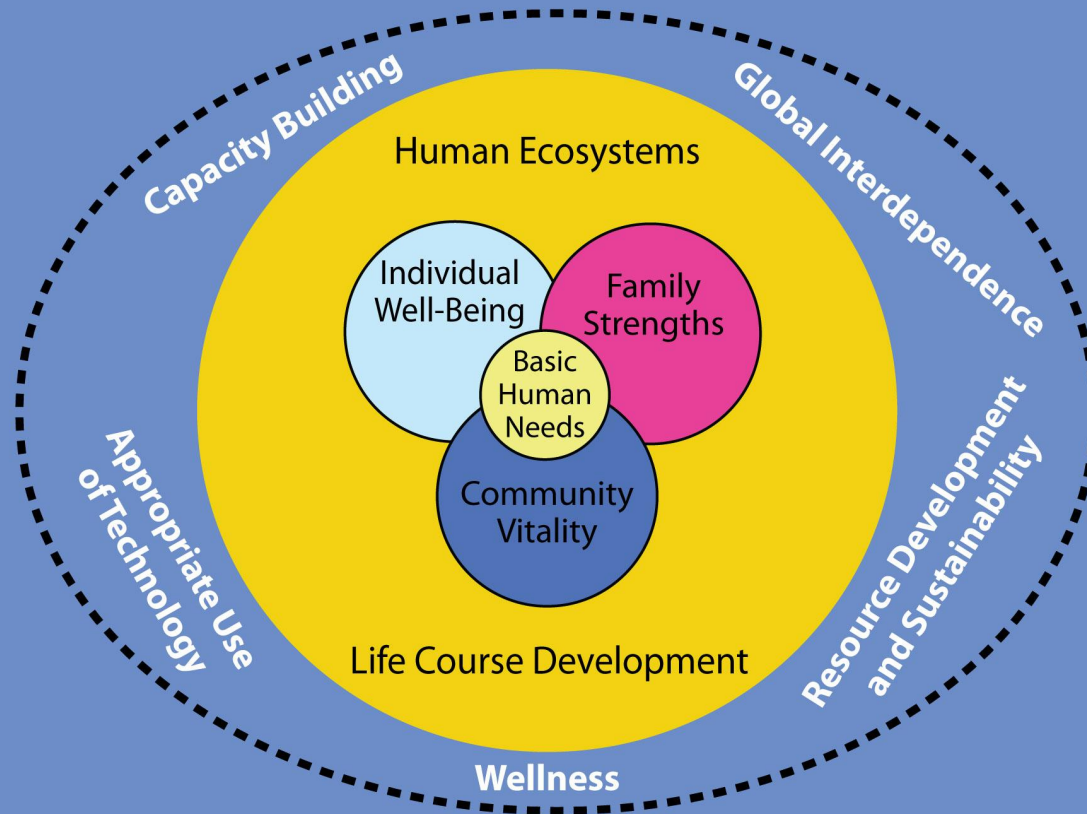
A Transformative Pathway for Education

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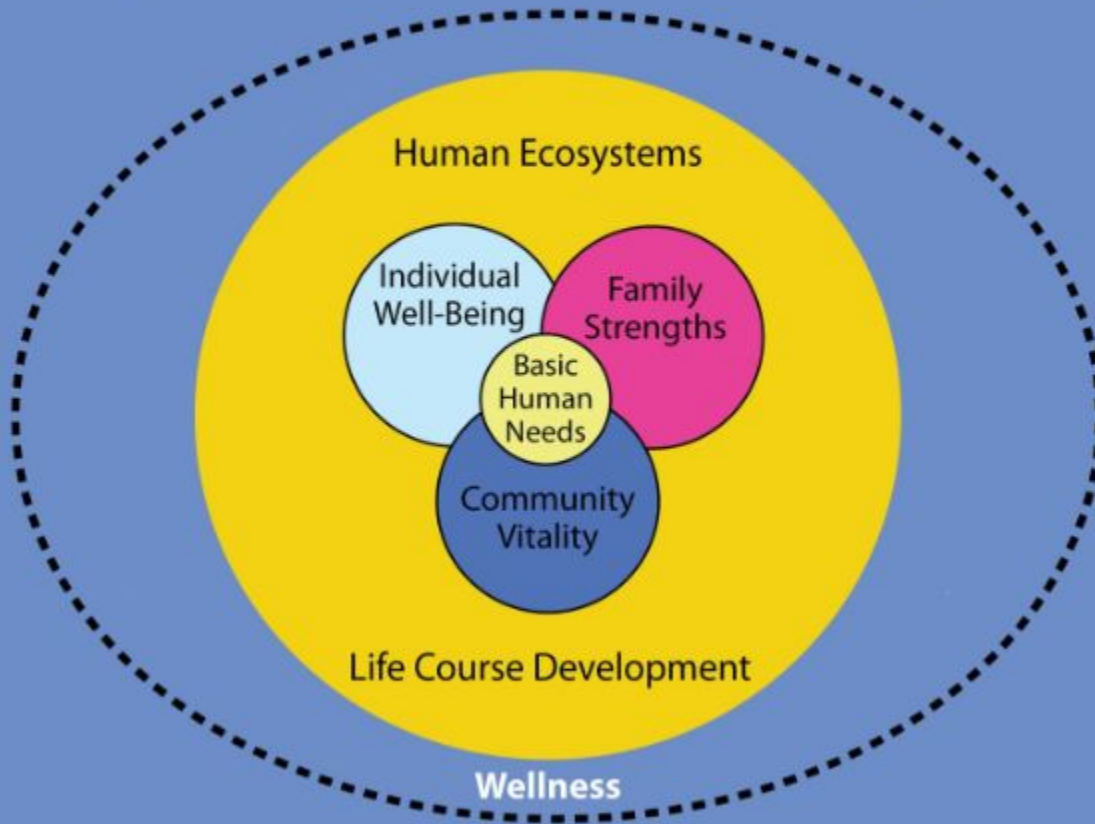
What is Family and Consumer Sciences?

- Field of study that empowers individuals to manage the challenges of living and working in a diverse global society
- Body of skills, research, and knowledge that helps people make informed decisions on well being, relationships, and resources to achieve optimal quality of life

Family and Consumer Sciences Body of Knowledge Model



Family and Consumer Sciences Body of Knowledge Model



“The quality of life depends upon the ability of society to teach its members how to live in harmony with their environment defined first as family, then the community, then the world and its resources.”

-Ellen Swallow Richards



“Man himself must become the center of education, and we must never forget that man does not develop only at the University, but begins his mental growth at birth and pursues it with the greatest intensity during the first three years of his life.”

-Dr. Maria Montessori

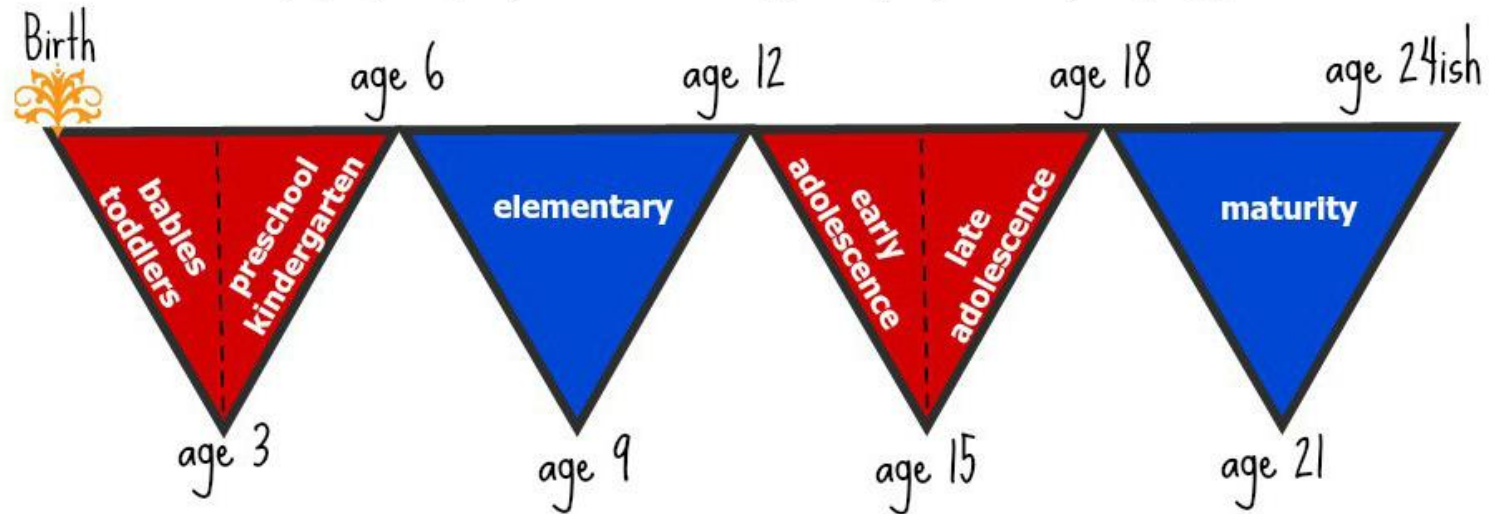
What is Montessori?

- A comprehensive system of education that optimizes social & cognitive development from preschool through high school
- Certified teachers observe human development and prepare learning environments to match children's interests
- Supports & validates research affirmed by neuroscientific studies
- Early education curriculum integrates 5 Areas of Learning: Practical Daily Living Skills, Math, Language, Sensorial, and Cultural Subjects
- Cultural subjects introduce: geography, history, science, math and the arts

The Planes of Development

The Constructive Rhythm of Life

(Originally developed by Maria Montessori in 1951, presented/interpreted here by Aubrey Hargis)



This is the absorbent mind, at first unconsciously growing and then slowly becoming a conscious worker; period of great intensity.

A period of calmness and happiness marked by a state of health, strength, and stability; mentally proficient and ready for cultural studies.

Another period of immense growth, much akin to the first plane, marked by the turbulence of puberty and the intense desire for independence.

The last passage into adulthood.... A time for thinking about one's contributions to the mission of humanity.

“Child psychology is not that of the adult, and its essential condition is freedom to act in a prepared environment where the child can be intelligently active.”

-Dr. Maria Montessori

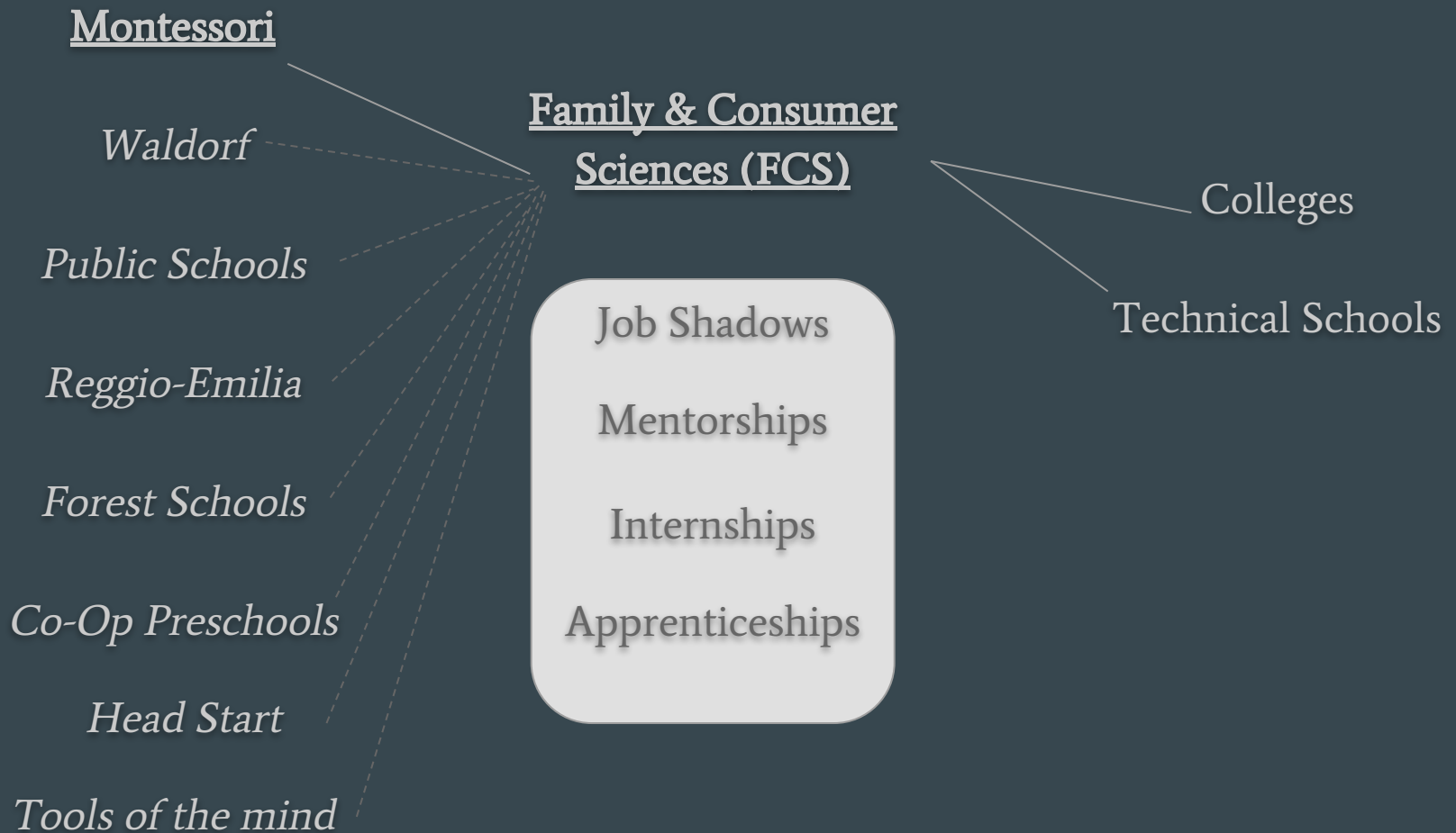
What is the Impact of Montessori Education?

Montessori Education Environments:

- Support individualized education
- Promote Independence, interdependence, and social improvement
- Provide opportunities to empower children to make choices
- Prepare and certify guides to follow planes of human development
- Encourage meaningful work that builds concentration and focus
- Develop understanding of limits and responsibilities

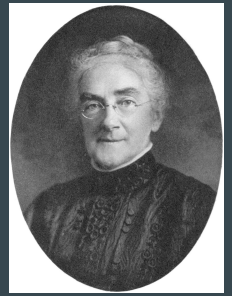


Building a Balanced & Successful Life



Beginnings of FCS

Ellen Swallow Richards (1842-1911)



- Scientist, Sanitation Engineer, Home Economist, Consumer Education Activist
- First American woman...
 - To obtain a degree in chemistry from Vassar College - 1870
 - To graduate from Massachusetts Institute of Technology - 1873
 - To become an Instructor at MIT
- Founded the new science of Home Economics > Family & Consumer Sciences, which later became part of public school curriculum.
- Took the lead in teaching life skills
 - Personal finance, nutrition & dietetics, human & child development, housing & interior design, food preparation to avoid contamination/spoilage

Who is Montessori?

Dr. Maria Montessori (1870-1952)

- **Italian Scientist, Physician, Psychologist, Anthropologist, Educator**
- Entered all-boys technical school for engineering at age 13
- Graduated from Medical School in 1896
- Joined staff at psychiatric clinic in 1897 doing research with patients who had nervous diseases and mental illness.
- Opened *Casa dei Bambini* in Rome in 1907
- Invited by Gandhi to India to teach the untouchables.



Dr. Montessori: The Educational Innovator

*“We must lay the foundation for peace ourselves,
by constructing a social environment,
a new world for the child and adolescent
so that their individual consciences may develop.”*

- Pioneer in bringing developmental psychology into educational design
- Innovator of a new system of education based on **observations of the child**

*“A vast education reform and above all,
a vast social reform are called for today.”
(Education and Peace, M. Montessori)*

Independent & Interdependent Living Skills

FCS

- Hands-on experiential learning
- Practical living skills
- Food, nutrition, science, and wellness
- Housing and healthy environments for living
- Interior Design
- Textiles and apparel
- Brain/Body development, Developmental psychology
- Understanding of practical, social, emotional skills
- Finance and budgeting
- Opens new career pathways

Montessori

- Hands-on experiential learning
- Practical living skills
- Foundational development of practical, social, emotional skills
- Brain/Body development
- Experiences in food, science, and nutrition
- Healthy environments for living
- Foundational development in 5 areas of learning: practical life, sensorial, language, math, and cultural subjects (science, geography, history, art, music)
- Opens new career pathways



Montessori Education and FCS

Connected through the sciences

- Practical living skills
- Prepared environment for learning
- Social/Emotional learning
- Mixed-ages
- Integrated subjects
- Human development



About Me

Gail Longo

- Graduated Seattle University in 1967
- Tacoma Public Schools 1967-1970
- Montessori Certified in 1988
- Founder of Cinquegranelli Montessori, 1989
- Founder & Director of the Maria Montessori Language & Cultural Center, 1999
(MMLCC - mmlcc.org)
- Operated a Montessori lab school at Ballard High School, 2003-2010.

Our Project: Bilingual Montessori Lab School Model

A Proposed Collaboration between:

- Maria Montessori Language & Cultural Center (MMLCC) - *501(c)(3) Nonprofit Organization*
- Seattle Chinese Garden (SCG) - *501(c)(3) Nonprofit Organization*
- Family & Consumer Sciences (FCS) - *Seattle Public Schools*

Other Potential Collaborators:

- Confucius Institute
- South Seattle College
- Global Pathways Institute

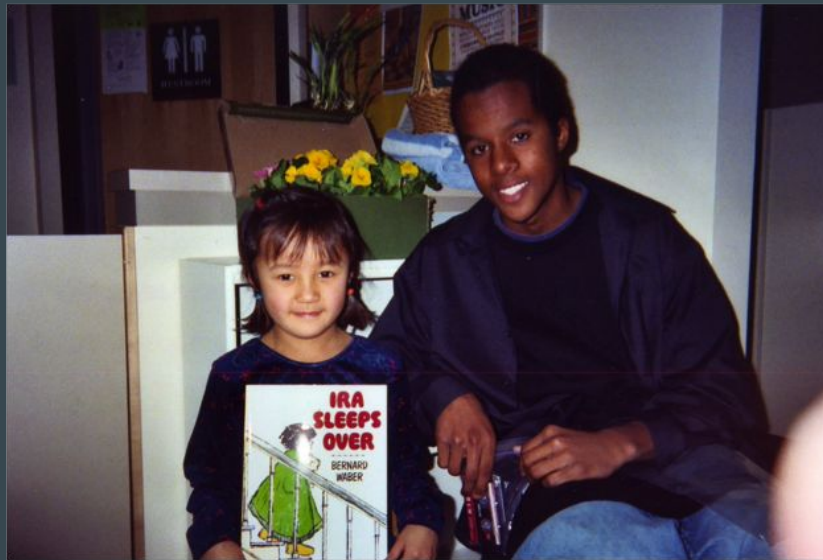
Bringing together Montessori, FCS...



Observation



Mentorship and Internships



*Motheread
Literacy
Project*



*Humanities
Washington*

Hands-on Presentations





Sensorial Activities



Gardening and Horticulture



Cultural Subjects: Italian



Language, Literacy, and Culture



Mandarin after-school
service learning project



Authentic Community Living



Grant for Non-Violent Communication
(2009)



On-going education on
trauma and the brain
(2018)



Maren Schmidt presentation “Building Brains the Montessori Way, Maximizing Brain Development” to BHS students



Morning Coffee with Family
and Consumer Sciences Parents



Parent Education Night

It's All About Connections



Seattle Chinese Garden





Sun WenRu - Our Connection to Montessori Programs in Asia
Montessori (MIA) Teacher Trainer from Shanghai



Sun WenRu visits the dragon seeker
in the Seattle Chinese Garden



Montessori educators visiting the Seattle Chinese Garden

Gail Longo (Director of MMLCC), Chen Dongzhi (Chongqing), Sun WenRu (Shanghai),
Jane Clements (Seattle)



Sun WenRu and Chen Dongzhi
Reviewing Seattle Chinese Garden site plan



International Montessori Education Training China, Philippines, and Japan



International Montessori Training 2018 - Vietnam



International Montessori Training 2018 - Vietnam



Lesson in Greeting a Child

Featuring Practical Life at Cinquegranelli Montessori in Seattle



Clothes - fastenings



Outdoor Education



Visit to an Urban Homestead



Handwashing



Food Preparation: harvesting grapes & making juice



Making apple crisp



Bread cutting



Shucking corn



Culinary Arts
Thursday is restaurant day



Dishwashing

Sensorial materials introduce math concepts



Color Tablets / pink tower / The Leaning Tower of Pisa



Geography and the Planetary System



Language: Movable alphabet / matching letters



Basic math - decimal system



Sweeping

