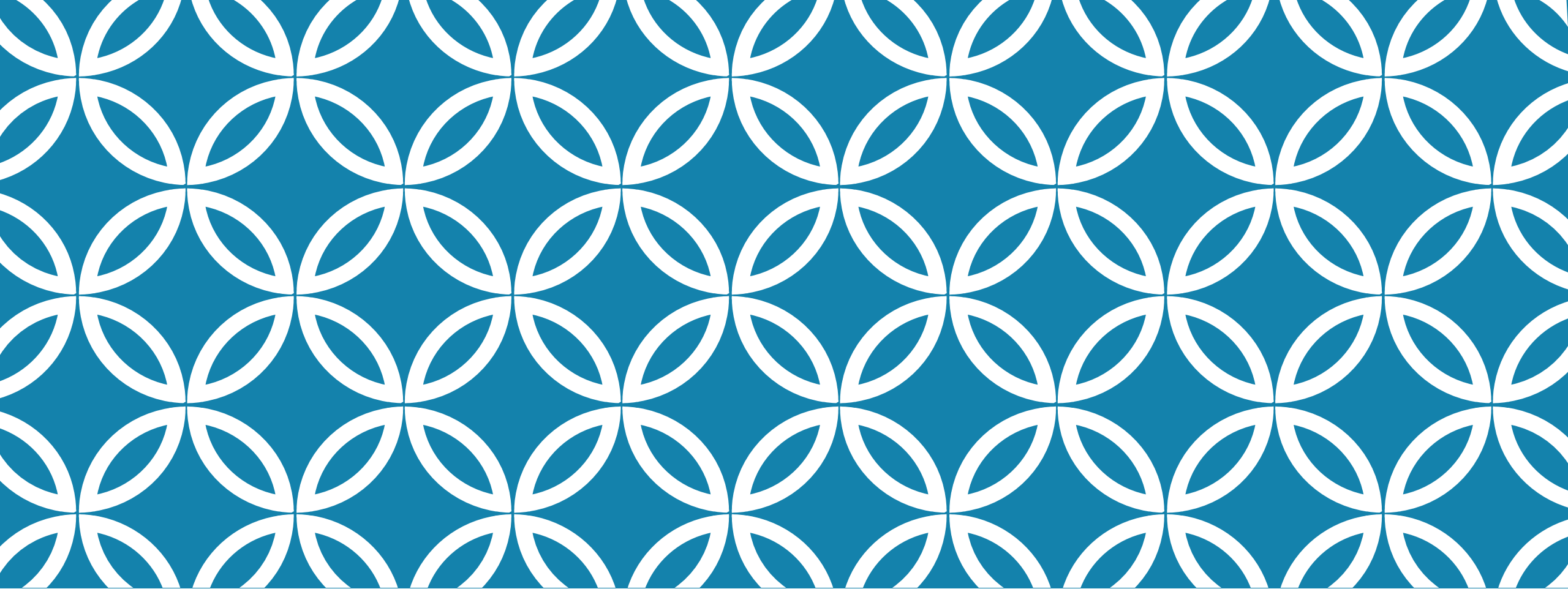




IMOGEN MANNING

Learning theory and practice



Dr. Maria Montessori



"Children are human beings to whom respect is due, superior to us as by reason of their innocence and of greater possibility of their future" - Maria Montessori

Graduated University of Rome, studying medicine in 1896

First nursery opened in 1907 named "Casa dei Bambini"

Resigned from lecturing in 1917 to pursue the training of Montessori teachers

Focused on three components in her nurseries:

- The child

- The favourable environment

- The teachers

Issacs, B (2015)



KEY STANDARDS WITHIN A MONTESSORI CLASSROOM

Verticle grouping

Work cycle

Activities and
materials



A MONTESSORI CLASSROOM

Child sized

Neutral

Real life

Stability



MONTESSORI MATERIALS

(Absorbent Minds, No Date)



Sandpaper letters



Numbers and counters



Puzzle map: parts of the world



Mirror polishing



Constructive Triangles



Movable alphabet



MULTI AGE GROUPING

- Builds confidence in their own knowledge
- Allows children to work with others and help build the knowledge of others
- Creates a sense of community
- Builds strong bonds between classmates
- Rural areas benefit for adopting multi-age grouping



CLASS ROOM ACTIVITY EXAMPLE

Making Sandwiches

-blends practical life learning as well as an introduction to mathematics

Youngest children-

- Lean to put the sandwich together and plate up (hand-eye coordination)

Middle Age children

learning how to remove packaging, layout the bread, using the butter. (hand-eye coordination/quantities)

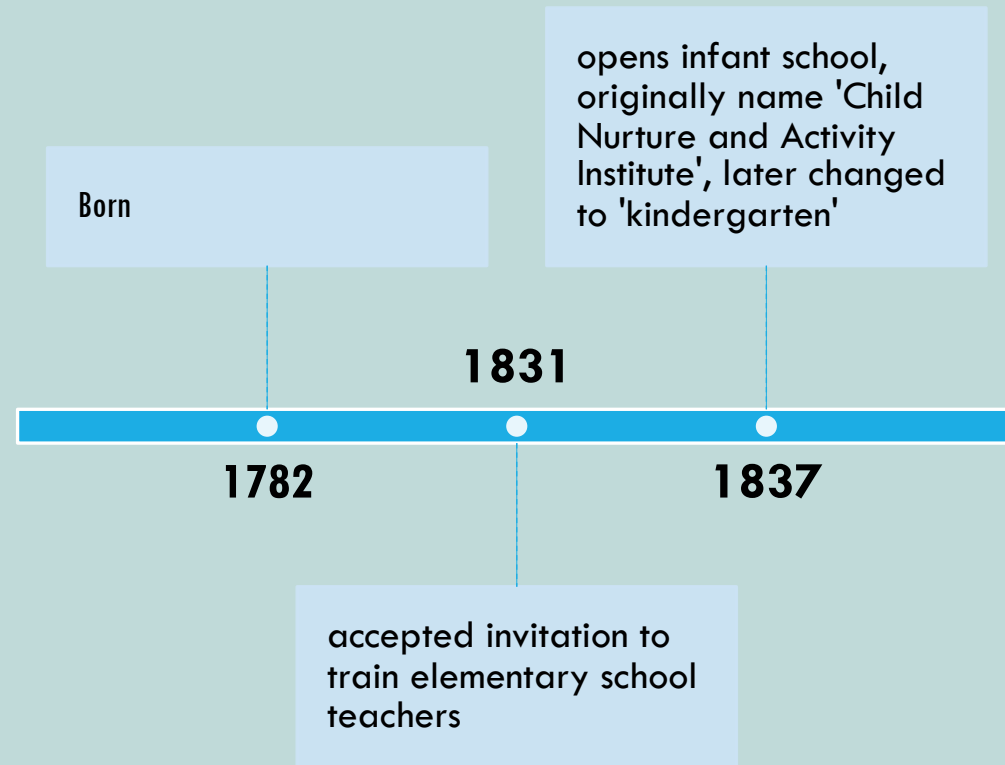
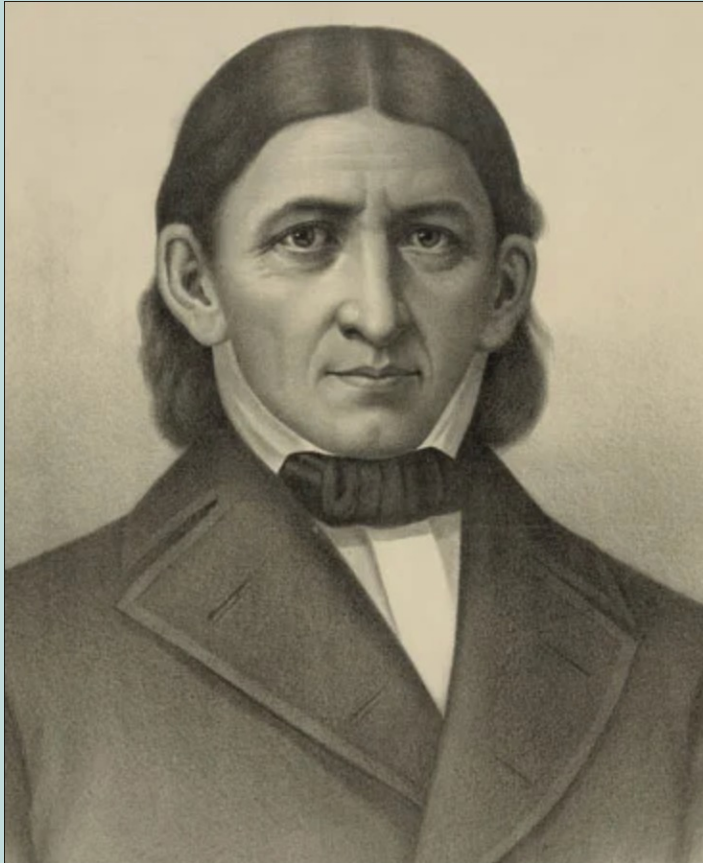
Eldest Children

Learning how to cut the sandwiches into shapes or equal parts. (shapes/division/fractions)

Vettiveloo (2008)



FREDRICK FROEBEL



GIFTS

Gifts:

Gift one- Ball on a string

Gift two- Wooden sphere, cube and cylinder

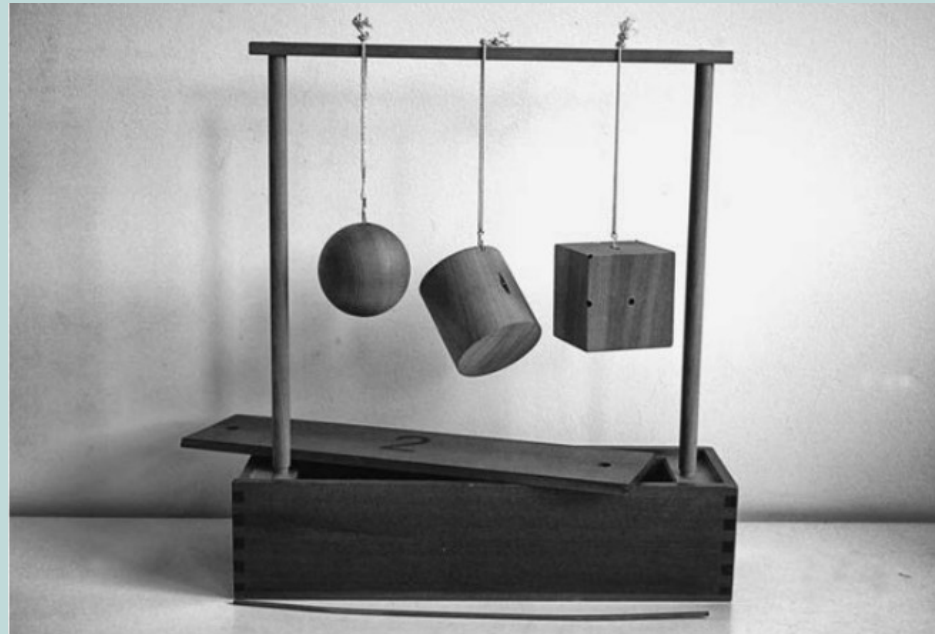
Gift three- wooden cube divided into 8 smaller cubes

Tovey (2012)

Gift four, five and six- boxed blocked divided in varied ways to create geometric shape

Used by children in 3 forms, Tovey (2013)

- The form of life
- The form of knowledge
- The form of beauty



OCCUPATIONS

Painting and Drawing

Threads and punched cards for sewing

Paper pricking

Paper cutting, weaving and folding

Peas and sticks for construction

Clay and wax for modelling

Potatoes, turnips and soft wood for cutting and shaping

Sand and stones

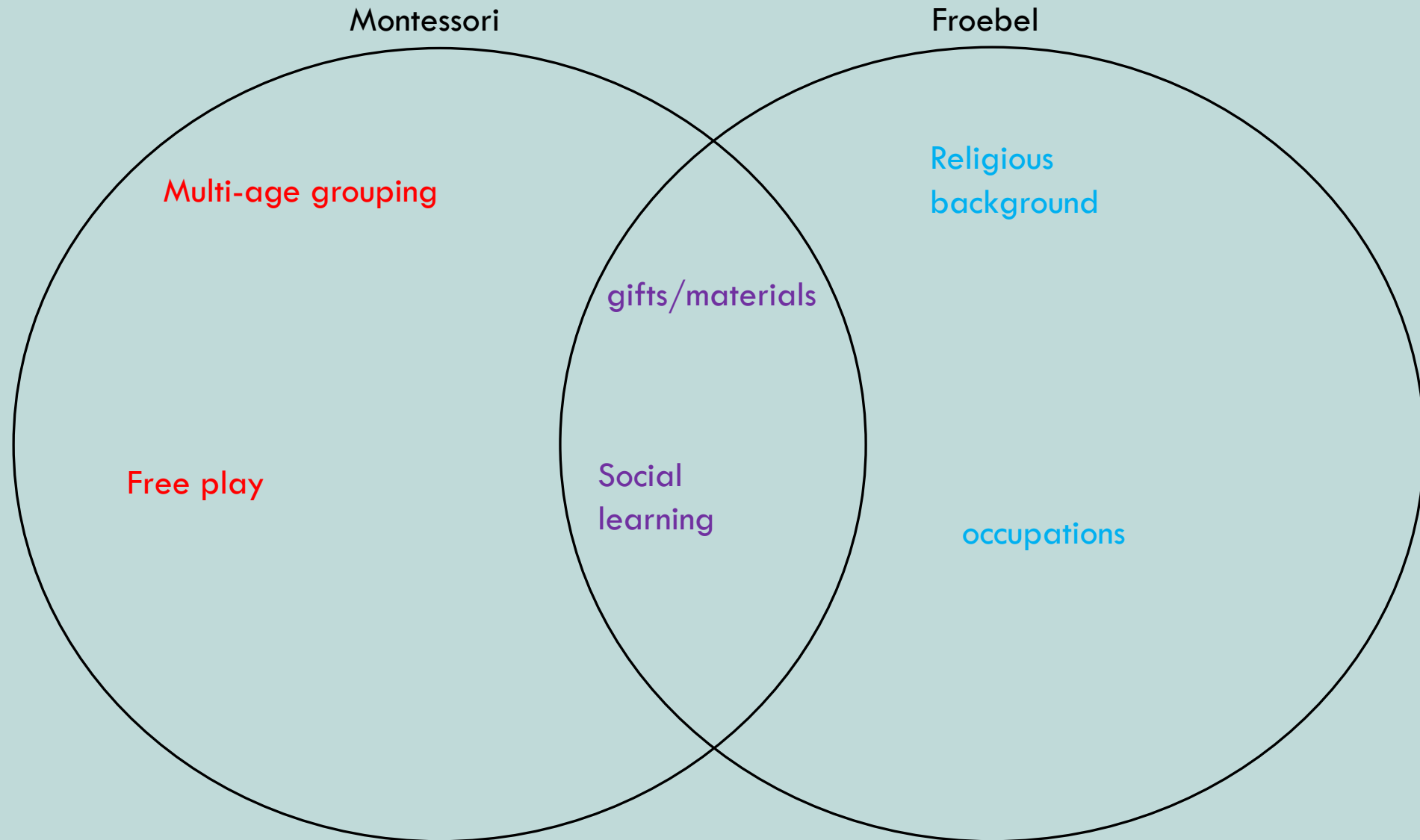
Tovey (2012)

Used to develop understanding of 2d and 3d dimension for problem solving and developing physical skills

"the child takes pleasure in painting and drawing"- Froebel



SIMILARITIES AND DIFFERENCES IN FROEBEL AND MONTESSORI



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