

THE PROCESS OF DEVELOPMENT - I, II

Introduction: Maturation: The Concept and an Example;
Mrytle McGraw

Genetics
Early Experiences
Life Space
Learning
Expectancies

I. The Stages of Development

1. Conception to Implantation
2. Implantation to Potential for Survival
3. Potential for Survival to Birth
4. Birth - Age 3 - (Language)
5. Age 3 - Puberty
6. Puberty to Maturity
7. Maturity to Decline
8. Decline to Death

II. Concepts to Remember

- A. Prenatal, Perinatal, and Postnatal Maturers
- B. Critical Periods
3. Brain Sparing

III. Human Growth and Development

- A. Prenatal
- B. Preemies -- Stimulation Effect
- C. The Neonate -- The Original Charlie Brown: 1/2, 1/3, 1/4, 1/5
- D. Early Acceleration of Brain Growth
- E. Cephalo - Caudal Growth Trends
6. Proximal - Distal Growth Trends
7. Diffuse - Specific Growth Trends

IV. Puberty: Gateway to Adolescence

- A. What Happens? Estrogen, Testosterone
2. When? Females, 10 1/2; Males, 12 _
Changing Trends - Hormones in the Environment
- C. For How Long? Females, 16 1/2; Males, 17 3/4
1. Slow Maturers - Leggy
2. Fast Maturers - Hippy
- D. Why? The Magic Weight, Amount of Body Fat, Leptin, and Menarche
5. A Universal Conflict in Adolescence
1. Emotional and Economic Dependence
2. Sexaul and Physical Independence

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22. Basic Features of Aging

1. Decrease in Adaptability
2. Decrease in Physical Sensitivity
3. Decrease in Discriminability
4. Decreasing Multiple Channel Processing Capability
5. Increased Variability
6. Slowing Down

VI. Physiological Processes and Their Consequences

1. General — The Mystery of Aging; the Prevention of Aging
2. Specific: (1) Brain: Neurons and Blood Vessels; (2) Reproductive Capability

VII. Longevity

1. 120+ Years Old?
2. Body Weight, Physical Activity
3. Psychological Activity
4. Men and Women

VIII. Two (almost completely true!) Concepts

1. Use it or Lose it
2. You're Only as Old as You Think You are

IX. The Final Stage of Life-Death

1. When Does Death Occur?
2. The Process of Dying; Hospices; Assisted Suicide
3. The Stages of Dying
 1. Denial
 2. Anger
 3. Bargaining
 4. Depression
 5. Acceptance

24. After Death Experiences