

Outline Chapter 1

Human Development

Development

The age-related physical, intellectual, social, and personal changes that occur throughout an individual's lifetime

Chapter Outline

- Physical Development
- Intellectual Development
- Moral Development
- Social Development
- Personality

Human Development

Physical Development

Prenatal Development

- o Conception
 - Union of sperm and ovum
- o Germinal Period
 - Zygote
 - Fertilized egg
 - 2 week period of rapid cell growth
- o Embryonic Period
 - Embryo
 - Developing human organism from 2-8 weeks after conception

- Sexual differentiation begins
- o Fetal Period
 - Fetus
 - From 9 weeks until birth

Prenatal Development

- Teratogens - _____
- Morning Sickness

Fetal Alcohol Syndrome (FAS).

- A pattern of birth complications and defects that result from excessive consumption of alcohol during pregnancy
- Leading cause of mental retardation
- Physical Development

Infancy

- Experience with the environment begins to shape subsequent development

Infancy

Developmental milestones

- Physical Development

Childhood

- Growth slows down
- Physical growth less apparent but brain continues to develop

Adolescence

- Growth spurt- rapid increase in height and weight

- Puberty - stage when humans reach sexual maturity

Adolescence

- Puberty - stage when humans reach sexual maturity
- Physical Development

Adulthood

- Height of physical and mental abilities in 20's
- Decline of physical and mental abilities begins shortly after
- Menopause
 - About age 50
- Neurological changes associated with aging

Intellectual Development

- How does a baby experience the sensory world?

Tools of Investigation

- Longitudinal
 - Same person studied over time
- Cross-Sectional
 - People of different ages compared at the same time

Experiments with Babies

- Preference Technique

-How long the infant looks at stimuli

- Habituation Technique
 - Babies like novelty