

The background of the slide is a light gray gradient, decorated with several realistic water droplets of various sizes. The droplets are rendered with soft shadows and highlights, giving them a three-dimensional appearance. They are scattered across the page, with a higher concentration in the top-left and bottom-right corners.

# **Concept, Difference and Characteristics of Growth and Development**

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# Concept of Growth

- Growth and development are used interchangeably.
- Both relate to the measurement of changes occurred in an individual after conception in the womb of the mother.
- However, in the strict sense of terminology, these two terms have different meanings.

## Contd...

- Growth is physiological and structural change.



## Contd...

- Growth is progressive and it is measurable phenomenon.
- It is quantitative changes of the body which can be measured in inches/centimeters/pounds/kilograms.

# Concept of Development

- Development is a process by which an individual grows and changes throughout the life cycle Or it refers to qualitative changes that begin at conception and continue through life span. e.g. ability to sit, stand, walk, learning to talk etc.

## Contd...

- In the words of **Elizabeth Hurlock**, '*the term development means progressive series of changes that occur in an orderly predictable pattern as a result of maturation and experience*'.
- According to **Crow & Crow**, '*growth refers to structural and physiological change and development is concerned with growth as well as those changes in which result from environmental situations*'.

# Difference Between Growth and Development

## Growth

- Structural and physiological changes.
- Structural change.
- Particular.
- It is quantitative.

## Development

- A progressive series of changes that occur as a result of maturation and learning.
- Functional change.
- Overall changes.
- It is qualitative.

## Contd...

### Growth

- Measurement is possible.
- May or may not bring development e.g. increase in brain weight.
- Growth stops once maturity is attained.

### Development

- Direct measurement difficult.
- Continuous process possible without growth e.g. intellectual functions in abstract thinking.
- Development is a continuous process: from womb to tomb.

# Characteristics of Growth

- Growth defines the change in the physical factors of a child including height, weight, mass, and physical development.
- Growth can be measured as it is quantitative.
- Growth can be perceived through eyes and senses.
- Growth does not take place in a continuous manner.
- Growth is uniform in the physical sense such as the milk teeth growth, toddling then walking, etc.

## Contd...

- Growth takes place for a limited period.
- The growth rate is faster in the initial years than in the later stages.
- Food, the amount of nutrition, health, and fitness influence mental as well as physical growth.
- Various factors such as heredity, environment, social relationship, and motivation affect the growth rate.

# Characteristics of Development

- Development is the overall growth of a person with regard to the mental, social, physical, and psychological levels.
- It cannot be measured.
- Development has a set pattern but it can vary as it can be at a different rate as per the individual.
- It is a life-long process so it is continuous in nature.

## Contd...

- Development is an umbrella term that can hold every aspect from social to psychological.
- Development is a more complex and comprehensive term than growth.
- The process of development is interrelated to many factors.
- Development denotes the qualitative changes.

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**THANK YOU**