

Research Design Konrad Lorenz – Imprinting

Read details of Lorenz's study on page 136-137 of Santrock. Answer the following questions.

1. What field of research does Lorenz specialize in?
2. What is his educational specialization?

Research Design Elements

1. What is the *focal behavior* of the study and how is it *defined operationally*?
2. What is the *hypothesis*?
3. What is the *independent variable*?
4. How is the *dependent variable* measured?
 - a. What variables are controlled?
 - b. What variables are not controlled?
5. To what extent was Lorenz's hypothesis supported by the results of his experiment? What conclusions did Lorenz draw from his experiment?
6. Compare Lorenz's theory to the attachment theories of each of the following. Include in the discussion whether the theorist credits nature or nurture for attachment behaviors.
 - a. Sigmund Freud
 - b. Harry Harlow
 - c. John Bowlby
 - d. Mary Ainsworth
 - e. Jerome Kagan
7. Discuss criticisms of the attachment theory.