

## **Development (Modules 6, 10-12)**

HOW IS HUMAN DEVELOPMENT DEFINED?

### **RESEARCH DESIGNS**

#### **LONGITUDINAL DESIGN:**

DESCRIPTION:

PROS:

CONS:

#### **CROSS-SECTIONAL DESIGN:**

DESCRIPTION:

PROS:

CONS:

#### **CROSS-SEQUENTIAL DESIGN:**

DESCRIPTION:

PROS:

CONS:

BE ABLE TO SUMMARIZE THE NATURE VS. NURTURE DEBATE.

### BUILDING BLOCKS OF DEVELOPMENT

GENETICS: the scientific study of \_\_\_\_\_.

DNA:

GENE:

CHROMOSOME:

WHAT IS THE DIFFERENCE BETWEEN DOMINANT AND RECESSIVE GENES? EXAMPLE

*POLYGENIC INHERITANCE*: term used to describe \_\_\_\_\_ controlled by  
more than one \_\_\_\_\_ of \_\_\_\_\_.

### PRENATAL DEVELOPMENT

OVUM:

FERTILIZATION:

ZYGOTE:

DISTINGUISH BETWEEN MONOZYGOTIC AND DIZYGOTIC TWINS, INCLUDING DIFFERENCES IN THE  
PROCESS OF CONCEPTION:

### PREGNANCY

WHAT HAPPENS DURING EACH PERIOD OF PREGNANCY?

GERMINAL:

EMBRYONIC: