

Human Development Map

Your human development map must start at gamete production and end with birth.

Visual

Visuals should clearly and accurately show the development of:

- ____/4 Spermatogenesis
- ____/4 Oogenesis
- ____/4 Embryonic Development
- ____/3 Fetal Development

The following about fetal development should be accurately addressed in text (as itself or referring to visuals)

Development of major organs/ organ systems:

- ____(0.5) heart
- ____(0.5) placenta
- ____(0.5) nervous system
- ____(0.5) reproductive systems
- ____(0.5) respiratory system
- ____(0.5) digestive system

Text

____/3 Number of chromosomes at different stages of cell division noted

Use the following vocabulary appropriately to explain process:

- ____/1 Chromosomes
- ____/1 Chromatid
- ____/1 Crossing over
- ____/1 Tetrad/synapsis
- ____/1 polar body
- ____/1 differentiation
- ____/1 fertilization
- ____/1 embryo
- ____/1 cleavage
- ____/1 morula
- ____/1 blastula
- ____/1 Blastocoel
- ____/1 Gastrulation
- ____/1 gastrula
- ____/1 blastopore
- ____/1 germ layers
- ____/1 neural tube
- ____/1 fetus

- BONUS: ____/1-3 Plant development is show accurately within the visuals of the flip book
____/1-3 Plant development is described accurately within the text of the flip book
____/1-3 Describes accurately how ONE of the following works within human development:
cloning, neural tube defects, fetal alcohol syndrome, drugs on pregnancy