



Program Outline “Human Reproduction”

This two-hour program supports adolescents by providing them with a positive view of sexuality and providing them with developmentally, appropriate knowledge and skills to set goals and boundaries and make decisions now and in the future. The curriculum includes Valeda, our transparent talking woman, as she gives the students an overview of the organs inside the human body. The students will watch a video, *Human Reproduction and Childbirth* by Human Relations Media. A classroom instruction lead by the Kansas Learning Center instructor will discuss the following outline. Parents are invited to attend the session with their child. Suggested grade level 6th -7th.

- I. Road of Life:**
 - A. Understand the importance of setting goals, obstacles to those goals, and people who can help students reach their goals.
- II. Setting boundaries**
 - A. Finding a trusted adult to help with questions
 - B. Staying safe with technology and gaming apps
- III. Review Anatomy of the Reproductive Systems**
 - A. Males
 - a. Sperm Cells
 - b. Scrotum
 - c. Testicles
 - d. Epididymis
 - e. Vas deferens
 - f. Seminal Vesicles/Semen
 - g. Penis
 - h. Erection
 - i. Ejaculation
 - B. Females
 - a. Ovaries
 - b. Fallopian tubes
 - c. Uterus
 - d. Cervix
 - e. Vagina
 - f. Menstrual Cycle

IV. Fertilization of Egg Cell

- A. Definition of fertilization
- B. Definition of sexual reproduction
 - 1. Risks of sexual activity- unplanned pregnancy
 - 2. Definition of chromosome pairs and genetics
 - 3. Microscopic picture of ovum and sperm cells together

V. Development of Fertilized Egg

- A. First 10 days of developmental embryology
- B. Definition of multiple births

VI. Embryonic Comparison

- A. Brain bulge
- B. Yolk sac
- C. Limb Buds

VII. Fetal Development-1-9 months

- A. 1st trimester
 - a. Body systems development
 - b. Heartbeat detected
 - c. Drug and/or lifestyle dangers
- B. 2nd trimester
 - d. Growth and development continued
 - e. Muscular movement /brain development
- C. 3rd trimester
 - f. Growth continued
 - g. Maturation of lungs and all major organs

VIII. Birth Process

- A. 3 stages of labor

IX. Average cost of childbirth and raising a child

Question and Answer session: Educators reserve the right to answer questions related to the program material in a scientific, definition –only format. Further discussion of topics deemed “personal values” will be directed home.