

Reproductive System Lesson Teacher Guide

Reproductive System (Day 1)

This lesson follows directly after the puberty lesson on the same day.

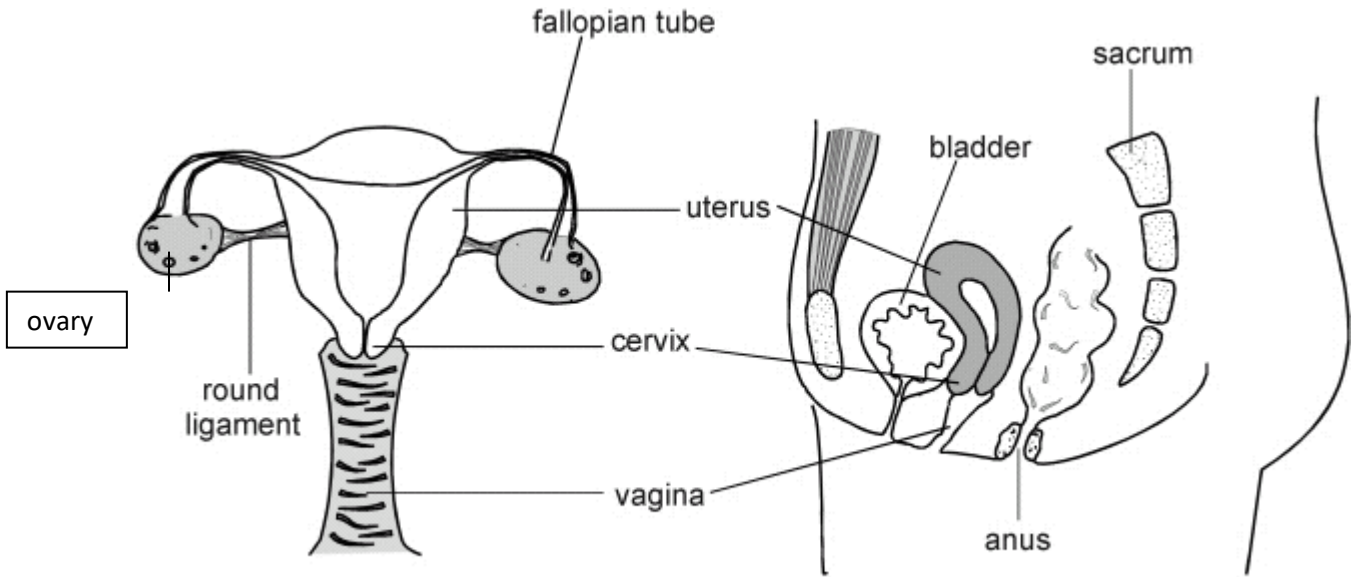
Introduction:

As we are getting older and things are changing in our bodies, it is important to be able to understand how the changes to the reproductive systems can impact you, and those around you.

Handout the Reproductive System Packet and ask students to identify and fill in as many reproductive organs as they can. Tell students to do this on their own and it is okay if they don't know very many. Also let them know that they can only use actual body part names. They are not to use slang names. Give the example, don't call the male parts "balls". That would be slang. Ask the students what they are actually called? Prompt them to answer testicles. (5 min.)

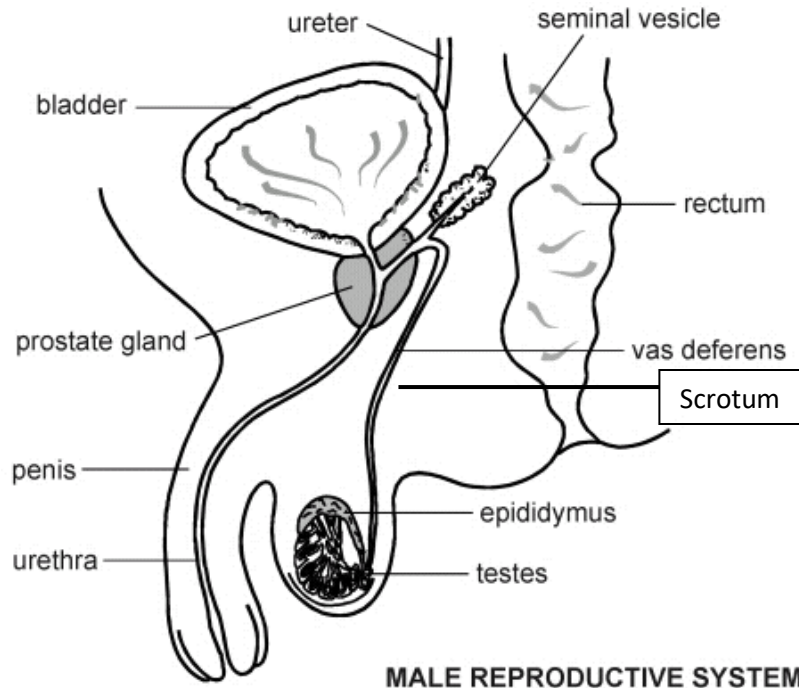
Launch Activity:

Let the students know that we are now going to go through the male and female reproductive systems. We will look at all the parts of both the male and female systems as well as how they work. Please write the names and functions of each part of the systems, in the packet while we go through the Reproductive System PowerPoint. Tell the students as they go through and write the names of the systems, if they previously wrote in any incorrect answers, to not erase them. Simply put a line through it and write the correct name next to it. Use the attached notes to help with discussing the names and functions of each part of the systems. (25 min.)



FEMALE REPRODUCTIVE SYSTEM

<p>Vagina</p> <p>Canal that joins the cervix (lower part of the uterus) to the outside of the body. Also known as the birth canal.</p>	<p>Uterus</p> <p>Hollow, pear-shaped organ that's home to the developing fetus. Its divided into 2 parts, the cervix and the main body of the uterus, called the corpus-body develops here.</p>	<p>Ovaries</p> <p>Small, oval-shaped glands located on either side of the uterus. The ovaries produce eggs and hormones.</p>
<p>Fallopian Tubes</p> <p>Narrow tubes from the ovaries that serve as tunnels for the ova (egg cells) to travel to the uterus. Fertilization normally occurs here.</p>	<p>Menstruation</p> <p>Refers to the periodic shedding of the uterine lining because fertilization did not occur.</p>	<p>Endometrium</p> <p>The lining of the uterus that thickens as the egg matures. This brings food and oxygen to the growing baby.</p>
<p>Cervix</p> <p>Opening to the uterus. It dilates to 10 cm to allow a baby to pass through</p>		



Penis The male organ that carries the urethra, through which urine and semen are discharged	Testes(testicles) A pair of glands (testicles) that produce sperm and testosterone.	Scrotum Skin covered sac, it contracts and relaxes to move the testes closer or farther away from the body to regulate their temperature
Epididymis A coiled tube where sperm matures.	Vas Deferans Sperm travel into this tube and are stored here until they leave the body during ejaculation or are reabsorbed	Prostate Glands The gland in males that adds fluids that nourish and protect sperm when the sperm are in female body.
Urethra Sperm and urine leave the body through the urethra which is a tube that passes through the penis	Seminal Vesicle Tiny organ that secretes fluid to nourish the sperm	

Reproductive System (Day 2)

Introduction:

Entry Task: post for students to answer:

- Identify one change that happens in females during puberty.
- Identify one change that happens in males during puberty.
- Identify one change that happens in both males and females during puberty.

Launch Activity:

Continue filling out the Reproductive System packet from yesterday. Use the Reproductive System PowerPoint.

After you finish going over the reproductive systems hand out the reading on Ovulation to Fertilization reading. Have them read the first four paragraphs. Then have them turn and talk to their neighbor(s) and share something they found interesting from the reading.

Watch the [ovulation video](#). Now read the next two paragraphs. Ask the students to turn and talk to a neighbor about something new they just learned from the video or the reading.

Read the next three paragraphs on sperm. Then have them turn and talk to their neighbor(s) and share something they found interesting from the reading.

Now read the next two paragraphs. Ask the students to turn and talk to a neighbor about something new they just learned from the reading.

Now read the next five paragraphs about the sperm getting to the egg.

Watch the [Fertilization Video Clip](#) (5.42 minutes)

Ask the students to turn and talk to a neighbor about something new they just learned from the reading or video.

Now watch the six videos on pregnancy.

Ask the students to turn and talk to a neighbor about something new they just learned from the videos.

Show the next slide on the PowerPoint with the Exit Activity. This will show the steps for creating life, in correct order. The steps will not be put

Correct Order

1. Ovulation
2. Ejaculation
3. Fertilization
4. Pregnancy
5. Delivery of live baby.

Order on PowerPoint

- Fertilization
- Ejaculation
- Delivery of live baby.
- Ovulation
- Pregnancy