

How the Human Reproductive System Works


Essential Question What are the processes in the human reproductive system?	Learning Intentions I can describe different processes of the human reproductive system.
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Introduction	The lesson exposes students to how the human reproductive system works. The goal is for students to recognize that there are distinct processes in the female and male reproductive systems.
CA Health Standards 7th-8th Grade	<ul style="list-style-type: none">1.1 Explain physical, social, and emotional changes associated with adolescence.1.2 Summarize the human reproduction cycle.3.1 identify trusted adults in one's family, school, and community for advice and counseling regarding reproductive and sexual health.3.2 Locate medically and scientifically accurate sources of information on reproductive Health.4.1 Practice effective communication skills with parents, guardians, health care providers, or other trusted adults by discussing issues related to reproductive and sexual health7.3 Describe personal actions that can protect reproductive and sexual health



How the Human Reproductive System Works

Understanding How all the Parts of the System Work Together

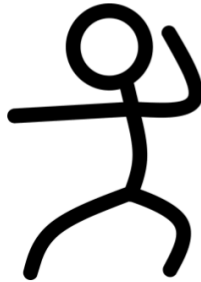


My Amazing Body

Sometimes we take our bodies and our health for granted.

With a partner, share one thing you're thankful you're able to do because of the body you have.

I'm thankful that I can _____, because my body allows me to _____.



Brief activity for students to recognize the things their bodies are able to do. Have students complete the sentence frame in their workbook, and then share with a partner.

Optional

- Have selected students share out their examples
- Have students rotate to multiple partners to share their examples

Essential Question

What are the processes in the human reproductive system?

Share the Essential Questions for this lesson with students. Clarify any information

Introduce the salmon colored box with information on where students should go if they need additional resources for their sexual health. Let students know that this information is also on the last page of their workbook for each lesson.

If you need resources or support for your sexual health...

- Talk to a parent/guardian or other trusted adult
- Call 2-1-1
- Visit 211sandiego.org

Learning Intention

I can describe different processes of the human reproductive system.

Share the Learning Intentions for this lesson with students. Clarify any information.

Teaching Agreement

It's important to know that...

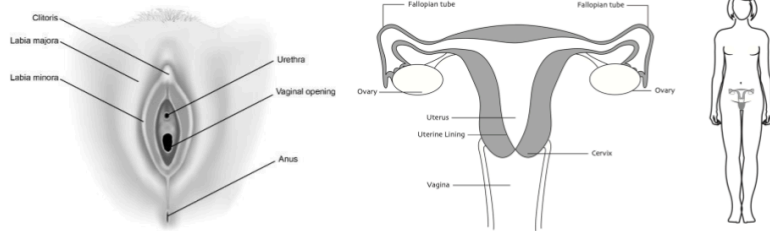
1. I am a mandated reporter, which means I'm required to report suspected abuse or neglect.
2. We will be examining sexual health through research, evidence, and scientific facts.
3. We will be learning and using accurate scientific terms for systems, processes, and anatomy that comes directly from the California Health Standards for 7th and 8th grade.
4. We will not be discussing our personal values or opinions about any of the topics.
5. **We will ensure a safe environment that is inclusive for all students**
6. We will focus on questions that relate to the science we are learning and encourage you to talk to your parent/guardian at home about your values and opinions when it comes to making choices.

Teaching agreement is shared in each lesson. Introduce students to the requirements of being a “mandated reporter”

It is critical for the teacher to demonstrate that they will be keeping agreements as well as the students during each Sexual Health lesson. This helps the teacher model fairness and accountability for students.

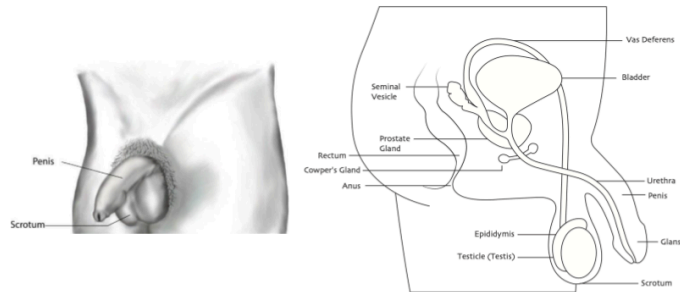
How does the human reproductive system work?

Review: Female Reproductive Anatomy

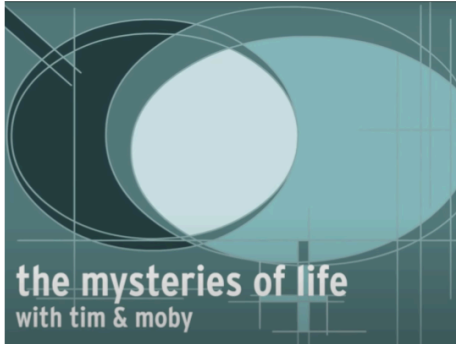


Use the following two slides to have students refer back to what they already know about the parts of the female and male reproductive systems. This will act to help student remember the parts, and for students who were not part of the lesson to have an introduction to terms they will hear in this lesson

Review: Male Reproductive Anatomy



Overview of the Human Reproductive System



CAJON VALLEY
UNION SCHOOL DISTRICT

After watching
the video, answer
this question...

What do you
know about how
the human
reproductive
system works?

Teaching
Sexual
Health

Before watching, point out the question they will answer after watching the video.

Have students watch this video as an overview of the human reproductive system.

After watching, have students use the space in their workbook to answer the question:

What do you know about how the human reproductive system works?

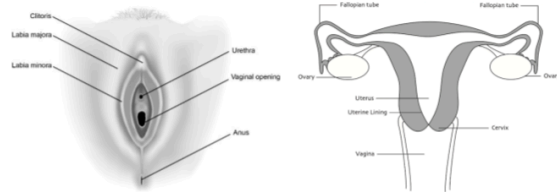
Students can use details they remember from the video, as well as the labeled diagrams in their workbook to answer this question.

What are the important processes in human reproduction?

Female Reproductive System

Female Reproductive System

As you watch the video, place a checkmark (✓) next to each of the parts of the female reproductive system you hear mentioned



Let students know they will be watching a video about the female reproductive system. While they watch the video, students use the labeled diagram on page 2 of their workbook to place a checkmark next to any of the terms they hear mentioned.

Menstruation



Menstruation is the monthly shedding of the lining of the uterus.

Menstruation is also known by the terms **menses**, **menstrual period**, and **menstrual cycle**.

Menstruation is driven by **hormones**, chemical messengers in your body.

These hormones cause the lining of your uterus to thicken. This happens so that if a pregnancy occurs, an egg can implant into the uterine lining.

Have students watch the video on the female reproductive system, while they use the diagrams on page 2 to check-off terms they hear.

*Note - The video moves quickly and it's recommended to chunk the video into two or three segments. When you pause at each segment encourage students to reference and check-off against their diagram on page 2. Clarify any content at this time.

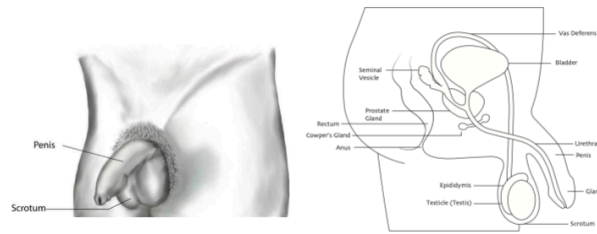
After the video review the statements on the right of the slide, have students fill-in-the-blanks in their workbooks.

What are the important processes in human reproduction?

Male Reproductive System

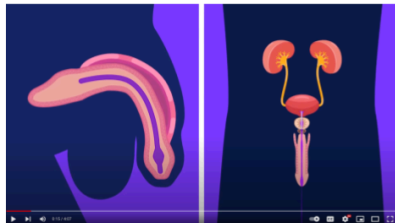
Male Reproductive System

As you watch the video, place a checkmark (✓) next to each of the parts of the male reproductive system you hear mentioned



Let students know they will be watching a video about the male reproductive system. While they watch the video, students use the labeled diagram on page 2 of their workbook to place a checkmark next to any of the terms they hear mentioned.

Sperm Production



Sperm, also referred to as **gametes**, are the reproductive cells that are made every day in the testicles. The sperm travel up the **vas deferens** and mix with fluid from the seminal vesicles and prostate to form a white sticky fluid called **semen**.

Semen is the combination of sperm and fluid from the seminal vesicle and prostate that is ejaculated from the penis.

Ejaculation is the release of semen and sperm from the penis.

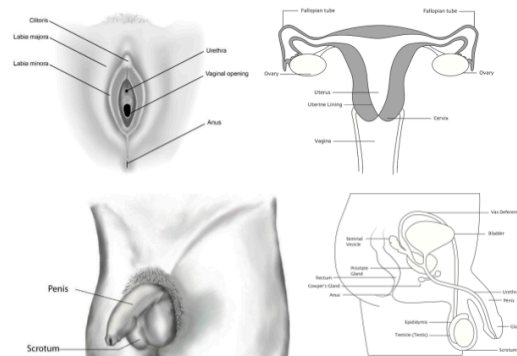
Have students watch the video on the male reproductive system, while they use the diagrams on page 2 to check-off terms they hear.

***Note** - The video moves quickly and it's recommended to chunk the video into two or three segments. When you pause at each segment encourage students to reference and check-off against their diagram on page 2. Clarify any content at this time.

After the video review the statements on the right of the slide, have students fill-in-the-blanks in their workbooks.

The Human Reproductive Systems

How do the different parts of the reproduction systems work?




Have students answer this question in their notebooks, and then have students share important concepts or details in pairs, small groups, or whole class.

Exit Slip

What questions do you still have about the human reproductive systems?



Have students identify additional questions they have about human reproduction in their workbooks.

<div>  <p>At Home</p> </div> <p>With a parent/guardian or other trusted adult:</p> <ul style="list-style-type: none"> Share the most surprising/interesting thing you learned about your human reproduction. Teach them what you learned using your diagrams and notes. Ask them for ideas on making healthy choices and taking care of your body. 	<p>Remind students to continue this conversation at home, with a parent/guardian, or other trusted adult.</p>
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Sources

[Healthline: The Human Body](#)

[15 Facts About The Human Body! - National Geographic Kids](#)

[Reproductive System - BrainPOP](#)

[Cleveland Clinic: Vagina: Anatomy, Function, Conditions & What's Normal](#)

[Cleveland Clinic: Male Reproductive System: Structure & Function](#)

[The Menstrual Cycle - Nemours Kids Health](#)

The Journey of Sperm: How the Male Reproductive System Works