

**teaching
sexual
health.ca**

Grade 6
Learning Activity
Reproduction Process

Learning Outcome

Students investigate human reproduction from fertilization to birth.

Reproduction Process

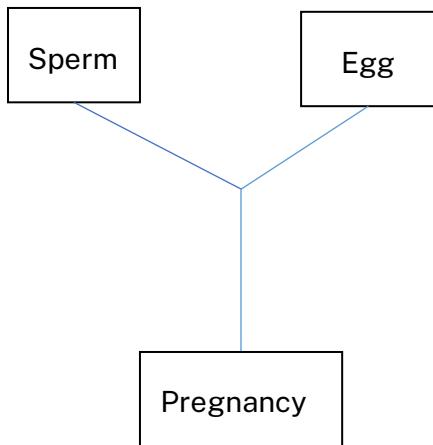
Grade 6



Teaching Sexual Health

Reproduction Process

1. Use the Step-by-Step Reproduction cards at the end of this document to complete this activity.
2. Make a 'Y' shape on the wall or floor using masking tape. Label one part of the top of the Y 'Sperm', and the other 'Egg', and label the bottom of the Y 'Pregnancy', as shown below. Make each arm of the Y about one metre long.



3. In your group, arrange the events that occur during ovulation and sperm production in the proper order along each of the top lines of the Y.
4. Go through the cards together and make corrections according to the answer key provided.
5. Now use the remaining cards having to do with sex, fertilization, and implantation.
6. In your group, arrange the events in the correct order, along the bottom line leading to 'Pregnancy'.
7. Go through the cards together and make corrections according to the answers below.

Reproduction Process

Grade 6



Teaching Sexual Health

Answer Key

Egg

Lining of uterus thickens with blood

Ovulation occurs (egg released from ovary)

Egg enters fallopian tube

Erect penis is inserted into vagina during sex

Semen that contains the sperm cells leave the penis (ejaculation)

Sperm travel through the cervix, uterus, and into fallopian tubes

One sperm cell attaches to an egg and forms one cell (fertilization)

Cell starts to divide

Cells (zygote) travel through fallopian tube to uterus

Zygote attaches to wall of uterus (implantation)

Pregnancy

Sperm

Sperm is made in the testicles

Sperm exit the testicles and travel up the vas deferens

Sperm cells mix with other fluids to make semen

Erect penis is inserted into vagina during sex

Semen that contains the sperm cells leave the penis (ejaculation)

Sperm travel through the cervix, uterus, and into fallopian tubes

One sperm cell attaches to an egg and forms one cell (fertilization)

Cell starts to divide

Cells (zygote) travel through fallopian tube to uterus

Zygote attaches to wall of uterus (implantation)

Reproduction Process

Grade 6



Teaching Sexual Health

Egg





**Lining of uterus
thickens with
blood**



**Ovulation
occurs
(egg released from
ovary)**



Egg enters fallopian tube



Sperm





Sperm is made in the testicles



**Sperm exits the
testicles and
travel up the vas
deferens**



**Sperm cells mix
with other fluids
to make semen**



Pregnancy



**Erect penis is
inserted into vagina
during sex**



**Sperm cells leave
the penis
(ejaculation)
and enter vagina**



**Sperm travel
through the cervix,
uterus, and into
fallopian tubes**



**One sperm cell
attaches to an egg
and forms one cell
(fertilization)**



Cell starts to divide



**Cells (zygote)
travel through
fallopian tube to
uterus**



Zygote attaches to wall of uterus (implantation)

Reproduction Process

Grade 6



Teaching Sexual Health

© 2025, Primary Care Alberta, Student and Adult Health Promotion and Oral Health



This work is licensed under the Creative Commons Attribution-Non Commercial-No Derivative 4.0 International license. To view a copy of this license, see <https://creativecommons.org/licenses/by-nc-nd/4.0/>. You are free to copy and distribute the work including in other media and formats for non-commercial purposes, as long as you attribute the work to Primary Care Alberta, do not adapt the work, and abide by the other license terms. The license does not apply to Primary Care Alberta trademarks, logos or content for which Primary Care Alberta is not the copyright owner.

This material is intended for general information only and is provided on an "as is", "where is" basis. Although reasonable efforts were made to confirm the accuracy of the information, Primary Care Alberta does not make any representation or warranty, express, implied or statutory, as to the accuracy, reliability, completeness, applicability or fitness for a particular purpose of such information. This material is not a substitute for the advice of a qualified health professional. Primary Care Alberta expressly disclaims all liability for the use of these materials, and for any claims, actions, demands or suits arising from such use.