Sexual Reproduction Steps

To do this activity together as a large group:

- 1. Print the **Step-by-Step Reproduction** cards onto paper or cardstock.
- 2. Use masking tape to mark out a 'Y' shape on the floor. Use the cards to mark one arm of the Y as 'Egg, the other arm as 'Sperm', and put the 'Pregnancy' card at the end, as shown here.
- 3. Give all the other cards to the students, in random order.
- 4. Have students place each step in order along the Y.
- 5. Use the answers below to ensure all steps are in the correct order.

Sperm Egg Pregnancy

Answers

Egg

- 1. Lining of uterus thickens with blood
- 2. Ovulation occurs (egg released from ovary)
- 3. Egg enters fallopian tube

Sperm

- 1. Sperm is made in the testicles
- 2. Sperm exit the testicles and travel up the vas deferens
- 3. Sperm cells mix with semen

Pregnancy

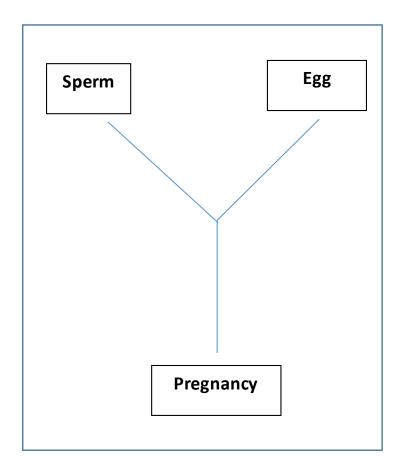
- 1. Erect penis is inserted into vagina during sex
- 2. Sperm cells leave the penis (ejaculation) and enter vagina
- 3. Sperm travel through the cervix, uterus, and into fallopian tubes
- 4. One sperm cell attaches to an egg and forms one cell (fertilization)
- 5. Cell starts to divide
- 6. Cells (zygote) travel through fallopian tube to uterus
- 7. Zygote attaches to wall of uterus (implantation)





To do this activity as individuals or in small groups:

- 1. Print the **Step-by-Step Reproduction** cards onto paper. Use the 'Print multiple pages per sheet' function to print 9 pages onto each sheet of paper. Print one set of cards for each person or small group.
- 2. Cut the pages into individual cards before distributing to each person or small group.
- 3. Ask each student/group to draw a 'Y' shape onto a blank piece of paper. Help students use the cards to mark one arm of the Y as 'Egg', the other arm as 'Sperm', and put the 'Pregnancy' card at the end, as shown below.
- 4. Have students place each step in order along each arm of the Y.
- 5. Use the answers above to ensure all steps are in the correct order.



For more information and additional activities, see the <u>Grade 5</u> or <u>Grade 7</u> lesson plans on reproduction.

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