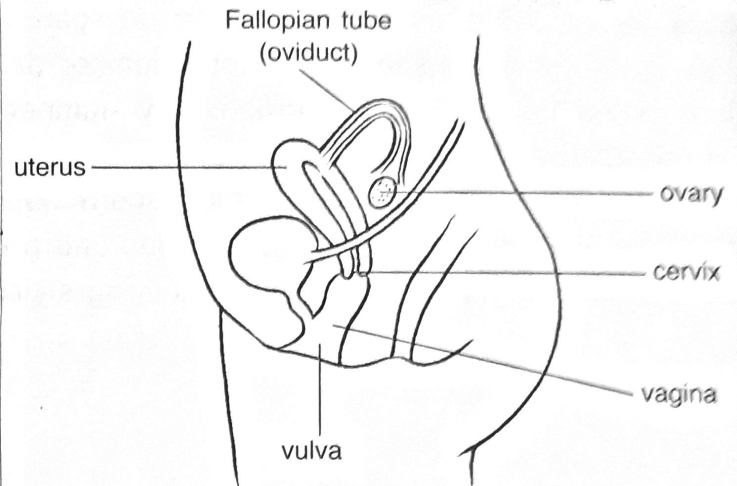
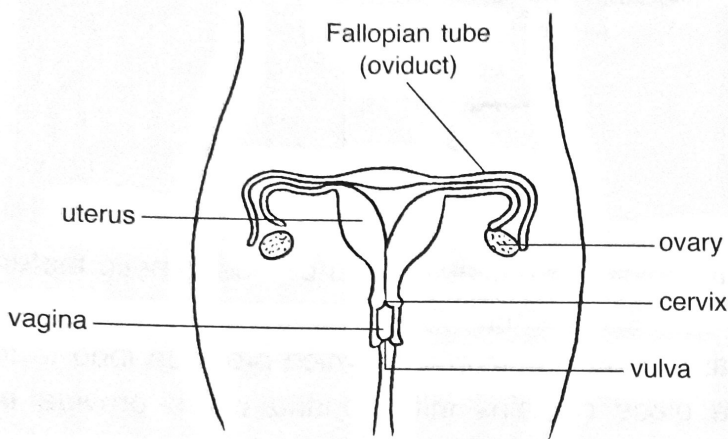
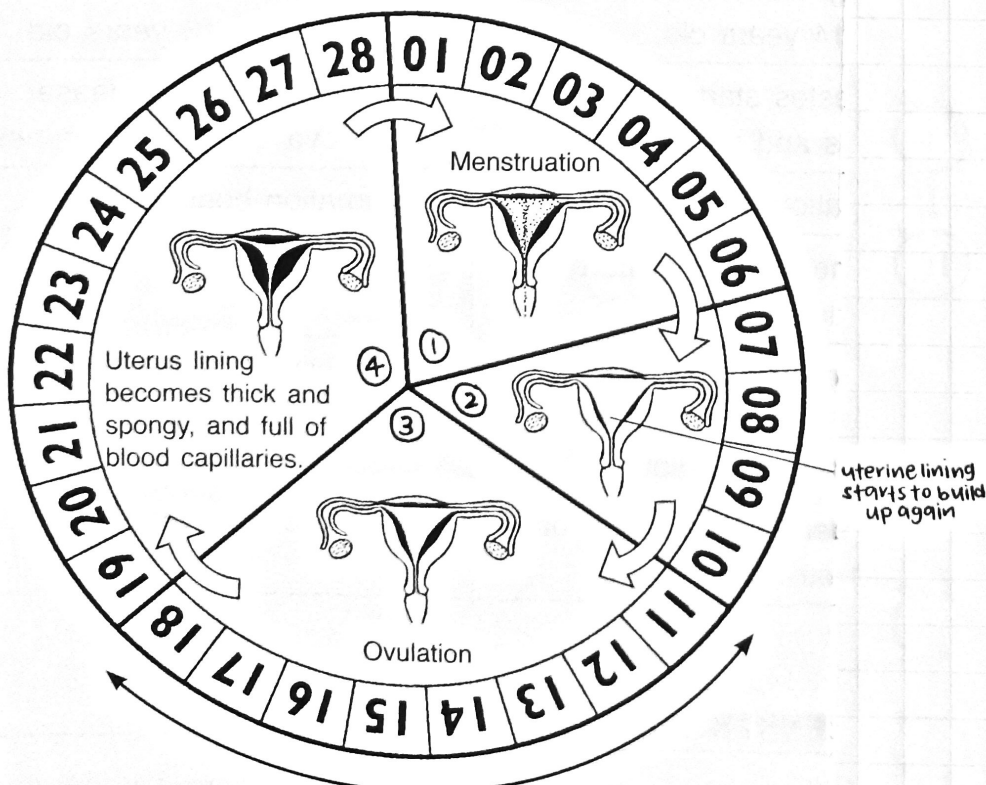


# FEMALE REPRODUCTIVE SYSTEM



- ovary
  - produces eggs, oestrogen and progesterone (female sex hormones)
- oviduct
  - site of fertilisation
- uterus
  - lined with uterine lining which is the site of implantation of the fertilised embryo
  - contains foetus during pregnancy
- cervix
  - enlarges during birth to allow passage of foetus
- vagina
  - sperm deposited during sexual intercourse
  - forms birth canal through which baby is born

## MENSTRUAL CYCLE



- ① Day 1-5
  - Menstruation. Lining breaks down and flows out of body
- ② Day 6-13
  - ovaries produce oestrogen which causes lining to repair and thicken
- ③ Day 14
  - ovulation. An egg is released
- ④ Day 15-28
  - ovaries produce progesterone which continues to thicken lining to prepare for implantation and development of embryo
  - oestrogen production decreases
  - If no fertilisation occurs, progesterone production decreases
  - uterine lining breaks down and cycle repeats