**Angiosperm Reproduction**:

Ch 38

 Alternation of generation:

 Sporophyte:

 Gametophyte

 Flower structure:

 Sepals:

 Petals:

 Stamens:

 Anther:

 Filament:

 Carpel:

 Ovary

 Ovule:

 Pistil: carpel

 Sytle:

 Stigma:

 Receptacle:

 Monoecious:

 Dioecious:

Production of pollen

 Microsporangium:

 Microsporocyte:

 Microspore:

 Generative cell:

 Tube cell:

 Pollen grain:

Production of egg

 Megasporangium:

 Megasporocyte:

 Megaspore:

 Embryo sac:

 Antipotal cells:

 Polar nuclei:

 Synergids:

 Egg:

Fertilization: **(Fig 38.6)**

 Double fertilization:

 Two sperm:

Development of seed:

 Triploid nucleus

 Endosperm:

 Zygote:

 Terminal cell:

 Basal cell:

(Fig 38.7)

Seed coat:

 Cotyledons:

 Scutellum:

 Endosperm:

 Root apex:

 Shoot apex:

 Suspensor:

(Fig 38.8)

 Epicotyl:

 Hypocotyl:

 Radical:

 Coleoptile:

 Coleorhiza:

Fruit:

(Fig 38.9)

 Simple fruit:

 Aggregate fruit:

 Multiple fruit:

Flower parts



Ovary positions





