

NEO
2/26/10
2

Angiosperm plants reproduce sexually & asexually

SEXUAL REPRO/

Flowers - important parts.

SEPALs, PETALs, STAMENS ♂
Anther / filament } show on slides

PISTILS (= CARPALS)
(STYMA, STYLE, pollen tube)

- pollen (♂ gamete) + fert. ovary (contains ♀ gamete) to make seeds.

- flowers coevolved w/ fertilization partners.

- Gametophytes arise to form embryos

- Pollen grain (in) + embryo sac (in) combine
↳ read oral dict steps 1, 2, 3

① pollen grain lands on stigma + germinates

② tube cell elongates through style

③ tube breaks into embryo sac at ovule → one sperm fertilizes egg and one sperm forms the triploid endosperm.

this is called double fertilization and forms seed leaves or cotyledons for developing embryo