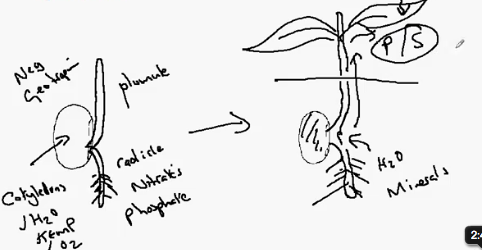
3.7 Using Food Stores

Understand how germinating seeds utilize food reserves until the seedling can carry out photosynthesis

* The food stores are used to promote the growth of the embryotic root of the radicle.
* Develops roots system and from soil it absorbs nitrates and phosphates.
* Plumule is able to break through the soil in to the air



3.6 Germination Conditions

Recall the conditions needed for seed germination

* Food stores: Cotyledons
* Testa
* Scar – dethatched from ovary wall
* Micro Pyle
* Within seed there is embryonic plant structure inside
* Conditions required: Water, Temperature – higher temperature for higher enzyme reactions, starch -> Maltose and Oxygen – seeds respire

