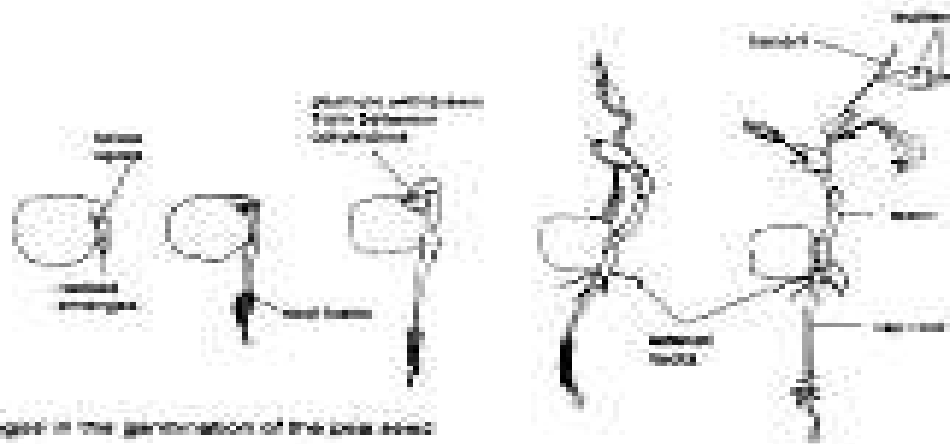


**Seed and germination - the garden pea**



Structure of pea seed



Stages in the germination of the pea seed

**ROOTS**

Root hairs are extensions from the cells of the outer layer of the root. In their thousands, they present a very large absorbing surface for water and dissolved salts.

The plumule is not below the ground. It can be seen in the young radicle and does not emerge until it is above ground. In this way the leaves are not broken off by pushing through the soil.

For experiments on seed germination go to: [Experiments 1](#)