

Teacher Note

Word meanings:

Pericarp: The part of a fruit enclosing the seeds which develops from the wall of the ovary.

Endocarp: The inner, usually woody layer of the pericarp.

Mesocarp: The central or middle layer of a pericarp of a fruit.

Exocarp: The outermost layer of the pericarp of fruits.

Suggested points:

Good points of rotting fruit on an orchard floor: mulch, increase in worms, improvement of the soil.

Bad points of rotting fruit on an orchard floor: attracts fruit flies and other unwanted pests locally and to neighbouring orchards and trees, risk of fungal spores in the soil and on the trees, can be smelly.

Suggested Activities:

1. Cut several different fruit open and compare: look at seed, fruit layers
2. Plant fruit tree seedlings
3. Draw a life-cycle of a fruit: bud, flower, fruit, pick, eat etc.

Outcomes:

Science – learning about the structure of fruit.

English – improve research skills and verbal communication skills.