CSTA 2012
Grocery Store Botany: Integrating Plant Sciences into the Classroom

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Vegetable Salad
What’s a Fruit?
What’s a Vegetable?
What are Examples of Edible Roots?
Carrot, *Daucus carota*
Parsnip, *Pastinaca sativa*

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Turnip, *Brassica rapa*
Rutabaga, *Brassica napus*
What are Examples of Edible Stems?
Asparagus, *Asparagus officinalis*
Potato, *Solanum tuberosum*

buds
Jerusalem Artichoke, *Helianthus tuberosus*

- buds
- germinating shoots and roots
- buds

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What are Examples of Buds that We Eat?
Cabbage, *Brassica oleracea*
Can You Think of Flowers that We Eat?
Broccoli, *Brassica oleracea*
Cauliflower, *Brassica oleracea*
What’s a Fruit?
Bell Pepper, *Capsicum annuum*
Tomato, *Lycopersicon esculentum*
Green Bean, *Phaseolus vulgaris*
What Seeds do We Eat?
Faba Bean or Horse Bean, *Vicia faba*
Pistachio, *Pistacia vera*

seed

endocarp = inner fruit wall

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Peanut, *Arachis hypogaea*
Prunus spp. – Almonds, Apricots, Cherries, Peaches, Plums

drupe: fleshy fruit with a stony pit or endocarp surrounding a seed
Apple, *Malus* sp.
Raspberries or Blackberries, *Rubus* spp.

- Sepals = calyx
- Petals = corolla
- Fleshy pistils (maturing fruits) each with an emerging style
Strawberries, *Fragaria* spp.

- Fleshy receptacle
- Mature fruits called achenes
- Sepals = calyx
Language Arts
and
Grocery Store Botany
Mathematics and Grocery Store Botany:

Fibonacci Numbers
Materials will be available on the Redwood Science Project website the middle of next week
www.humboldt.edu/rsp

Thank you!