

PERMACULTURE AND FOOD FORESTS

Keys to be the Change Farm to School Program

Vicki Boguszewski, MPH, CHES

THREE ETHICS

Care of the Earth

Care of People

Return of Surplus



Permaculture Design Principles



1. Observe & interact



2. Catch & store energy



3. Obtain a yield



4. Apply self-regulation & accept feedback



5. Use & value renewable resources & services



6. Produce no waste



7. Design from patterns to details



8. Integrate rather than segregate



9. Use small & slow solutions



10. Use & value diversity

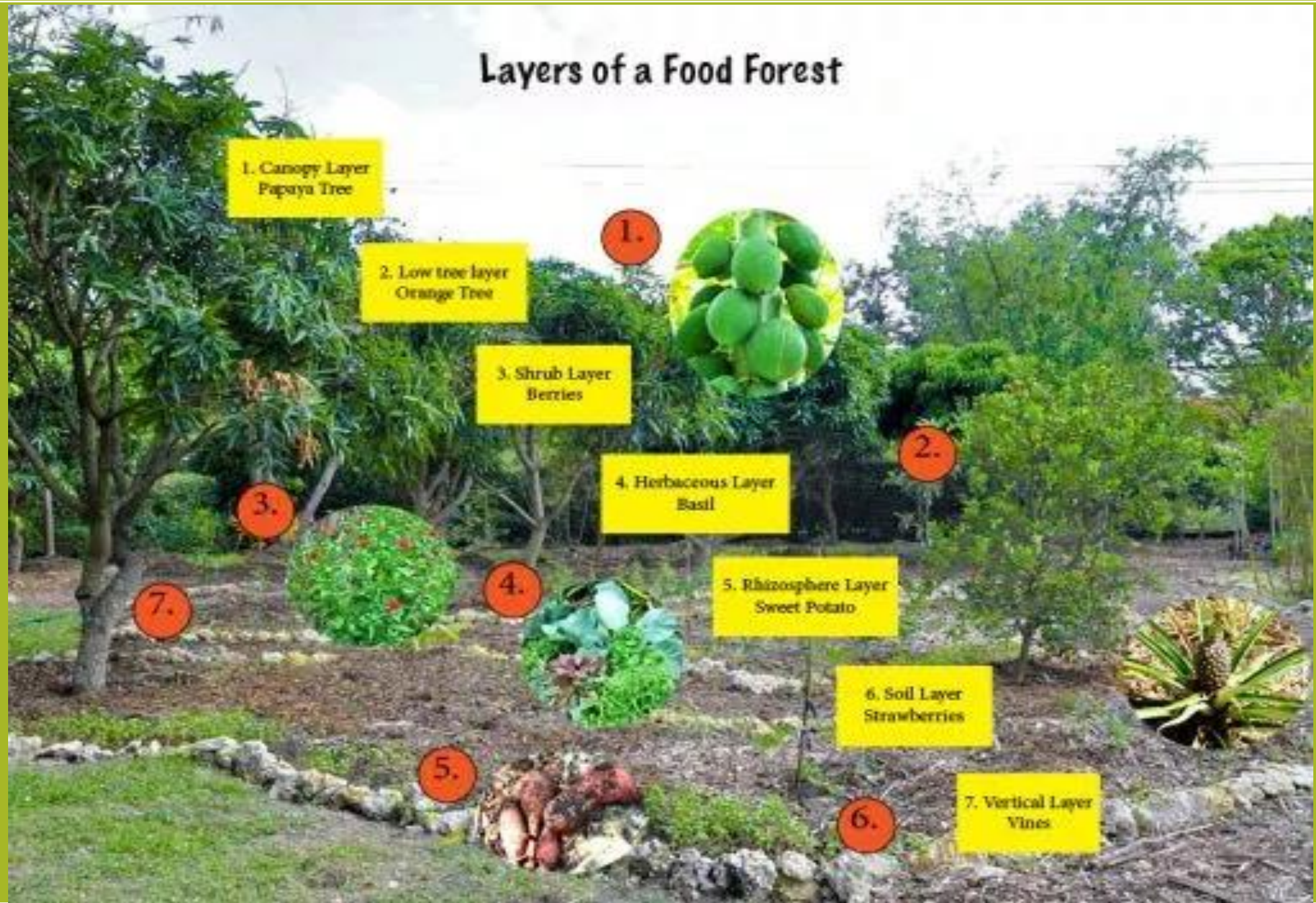


11. Use edges & value the marginal



12. Creatively use & respond to change

Layers of a Food Forest



1. Canopy Layer
Papaya Tree

2. Low tree layer
Orange Tree

3. Shrub Layer
Berries

4. Herbaceous Layer
Basil

5. Rhizosphere Layer
Sweet Potato

6. Soil Layer
Strawberries

7. Vertical Layer
Vines

1.

2.

3.

4.

7.

5.

6.