

Bradford Permaculture Design Course 2011

Session title	Zoning and Trees		
Keywords	Zones, trees, placement, sector analysis, ecosystem services		
Session code	SP30	Duration	50 minutes
Date and time	1.15 pm, March 11th 2011	Location	Pemberton 2.01
Learning objectives			
By the end of the session, participants will be able to: <ul style="list-style-type: none"> • Apply zoning concepts at a landscape scale • List a variety of tree types and arrangements • Explain how trees fit into a zoned landscape and how they fulfil a variety of functions • Explain how sector analysis works and apply it to a landscape design example • Consider future landscapes 			
Resources needed			
<ul style="list-style-type: none"> • Landscape made of cloth – cloth and quilts for hills • sun (torch), wind (scarves), fire (lighter), cars (toy car), people (doll), wildlife (plastic dinosaur) • tree cards to distribute 			
Roles needed			
<ul style="list-style-type: none"> • Someone to distribute cards • someone to explain cards and facilitate answers and questions 			
Session Plan			
Activity	Time	Teacher / facilitator	Students
Introduction	2	Purpose of session <ul style="list-style-type: none"> • Revise zoning and sector analysis • Learn tree types and arrangements • Consider future landscapes Trees <ul style="list-style-type: none"> • Central to permaculture • Key to resilient landscape • There's a tree for everything 	Listen
Revision 1: zones	5	<u>Zoning concept: Ask students to recap on concept and fill gaps</u> Efficiency <ul style="list-style-type: none"> • Human effort • Movement • Energy Placement <ul style="list-style-type: none"> • Determined by frequency and type of use • Most used / interaction - nearest • Least visits / interaction furthest Scale <ul style="list-style-type: none"> • each zone has own intrinsic scale – Z0 small, Z5 big 	Explain zoning concept and apply it to the landscape using string to mark the zones
Revision 2: sectors	5	Ask students to recap on the concept and give out props to support it so it becomes an interactive activity.	Students demonstrate sun, wind, animals, etc
Tree game	36	<ul style="list-style-type: none"> • Give out cards • Person reads one out, decides where it goes – which zone • Discuss if needed, possible explanation on board (esp agroforestry) • Next card 	Read out card and place on landscape by zone where appropriate.
Conclusion	2	Tree for every type of landscape. Zones and sectors are key tools to help us analyse and design at a landscape level, in conjunction with keyline help us to redesign landscape to be more resilient and productive.	Listen

