



Garden Smart for Biodiversity



Darlington Course Outline

<i>Wk 1:</i>	<i>Thinking Smart, Climate Change</i>
<i>Wk 2:</i>	<i>Power Smart</i>
<i>Wk 3:</i>	<i>Healthy You Healthy Home</i>
<i>Wk 4:</i>	<i>Waste Smart Move Smart</i>
Wk 5:	Gardening for Biodiversity
Wk 6:	Gardening for Productivity
Wk 7:	Water Smart Living Simply



What Have You Done Since Last Week?

- In Table Teams:
 - Discuss what you have done since last week;
 - Select the person/household that has achieved the most;
 - Prepare to report back to main group;
- Time: 5 minutes





Garden Smart for Biodiversity

Alison Atkinson

Robyn Rutherford



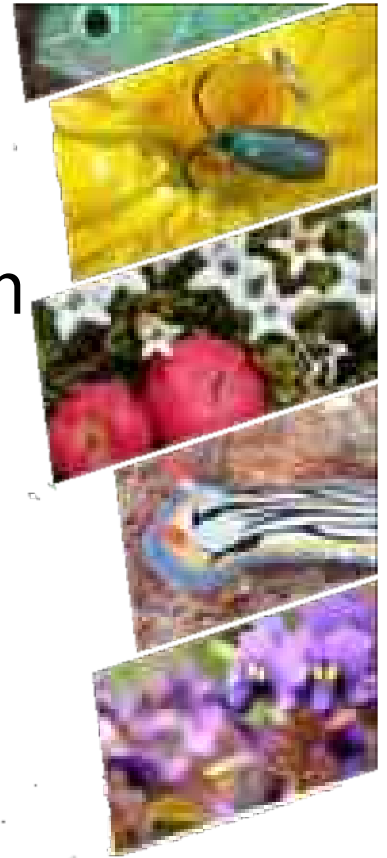
What is Biodiversity

- Biodiversity is the web of life. It is all the many plants and creatures that live on Earth from the smallest insect in the soil to the largest mammal in the ocean.
- There are three levels of biodiversity:
 - Genetic Diversity
 - Species Diversity
 - Ecosystem Diversity



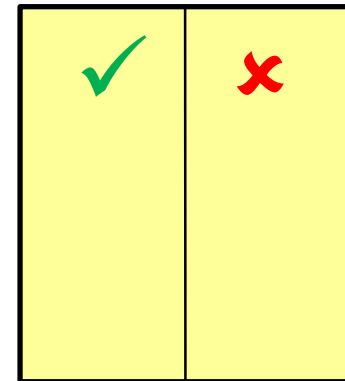
Why protect biodiversity

- It keeps our water drinkable;
- It keeps our soil healthy to grow the food we eat;
- It filters and cleans up the pollution we pump into the air, rivers and oceans;
- The animals and plants we share the earth with have as much right to be here as us;
- Without the support of biodiversity, we would not be able to exist;



Activity

- In table teams:
 - brainstorm things you can do that promote biodiversity;
 - Brainstorm things to avoid that negatively impact on biodiversity
- 5 min



Genetically Modified Organisms (GMO)

Janet Grogan



Garden Styles

- Indigenous;
- Exotic;
- Productive;
- Blended;



The importance of soil

- Macro-organisms – fauna/flora;
- Micro-organisms – fauna/flora;
- Vegetation layers
- Chemical fertilisers
- Biodynamic and organic gardening
- Soil structure



How to plant natives

- Sourcing;
- Indigenous versus exotic natives;
- Nutrient requirements (NPK);
- Watering requirements;
- Mulching;



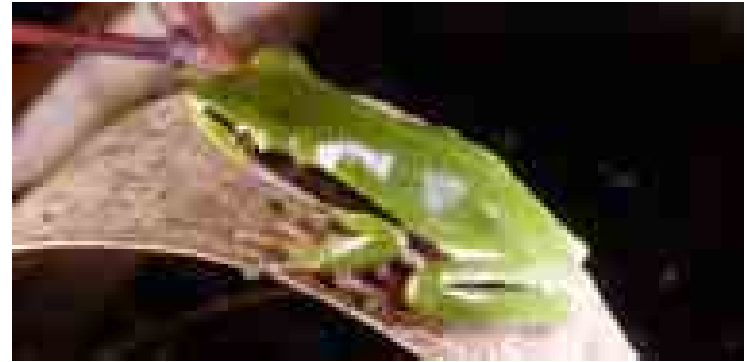
Lawn Alternatives

- Benefits;
- Native Grasses;
- Ground Covers;
- Alternative surfaces – paving, gravel (sustainably sourced).



Safe Havens for Wildlife

- Attracting wildlife:
 - Marsupials;
 - Frogs;
 - Birds;
 - Lizards;
 - Insects;
- Control of predators;



Learning from our indigenous heritage

- Broad-scale farming versus sustainable foraging;
- Bush tucker;



Goal Setting

Living Smart
creating sustainable communities



my garden smart for biodiversity goal

My overall goal and steps to achieve this are:

step 1: _____

step 2: _____

step 3: _____

step 4: _____

Why I want to achieve my goal:

I will achieve my goal by:

"A journey of a thousand leagues begins with a single step."
chinese proverb

