PERMACULTURE IN SCHOOLS
TEACHER TRAINING

Duration: 5.5 days,
Dates: Sun 19 NOV - Fri 24 NOV

TUTORS
Robina McCurdy *(Earthcare Education Aotearoa, New Zealand)*,
Leigh Brown *(South Africa)*,
Ego Lemos *(Timor-Leste)*,
Brad Barber *(Australia)*,
Narsing Arravally *(India)*

VENUES
Aranya Farm, Pastapur village, Zaheerabad district, Telangana, INDIA

## = Practice Sessions happening at the nearby Bidakanne School
See logistics flyer for location details.

DAILY RHYTHM
*(draft only – adjustments may happen in advance by on-the-ground Indian staff)*

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>7 – 8am</td>
<td>Breakfast</td>
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<tr>
<td>8 – 8.30am</td>
<td>Morning Circle</td>
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<tr>
<td>8.30 – 10.15am</td>
<td>Session 1</td>
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<tr>
<td>10.15 – 10.45am</td>
<td>Morning Tea</td>
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<td>10.45 – 12.30</td>
<td>Session 2</td>
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<td>12.30 – 2pm</td>
<td>Lunch</td>
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<td>2 – 3.30pm</td>
<td>Session 3</td>
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<td>3.30 - 4pm</td>
<td>Break / Transport</td>
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<td>4 – 5.30pm</td>
<td>Session 4</td>
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<tr>
<td>6 – 7pm</td>
<td>Dinner</td>
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<td>7 – 9pm</td>
<td>Session 5</td>
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**MAIN FACILITATORS:**
- Robina McCurdy *(New Zealand)*
- Ego Lemos *(Timor-Leste, SE Asia)*
- Leigh Brown *(South Africa)*

**GUEST FACILITATORS:**
- Narsing Arravally *(India)*
- Brad Barber *(Australia)*
**Session 1**  
Introduction to each other and the programme. Learning Outcomes. Establishing our Group Culture (Leigh & Robina)

**Session 2**  
Designing Permaculture Programmes for Children’s Learning  
(a) The proven benefits of permaculture, gardening and nature connection for children’s motivation, academic achievement, health and wellbeing.  
(b) Core principles of Outcomes Based Education and the practice of these in developing an educational programme  
(c) Designing and operating a theme-based Whole School Programme.  
(d) Designing an educational programme to provide for the needs of children’s different learning styles (visual, auditory, kinesthetic), with emphasis on kinesthetic learning. – presentation, brainstorm, group sharing (Robina)

**Session 3**  
Working with Impoverished Schools – presentation & group discussion  
(a) in urban areas (Leigh & Robina)  
(b) in rural areas (Ego & Robina)

**Session 4**  
Introduction to SEED (Schools Environmental Education & Development) programme in Sth Africa (a) organisational structure, funding, involving the wider community, business engagement & development - powerpoint presentation & questions (Leigh)

**Session 5**  
(a) Localising Food Project  
Documentaries: ‘Empowering Gardeners - Schools as Community Food Hubs’ (20 mins), followed by discussion & summarising community development strategy arising out of last 3 sessions (Robina)  

**Break**

(b) Localising Food Project  
Documentary: ‘Enriching Gardeners – Gardening at the Heart of the School Curriculum (30 mins), followed by discussion & summarizing including material from Session 2 – (Robina)
DAY 2: INTERACTIVE APPROACHES TO WHOLE SCHOOL DESIGN

Session 1:
Introduction to SEED (b) Educational Programme Development, Accompanying Resources and Delivery in Schools presentation (Leigh)

Session 2:
Steps in facilitating the Permaculture Design Process with different age groupings of children, from site analysis to concept design to whole school grounds edible landscape implementation powerpoint (Robina)

Session 3:
Developing Interactive Teaching Resource Kits – tactile introduction including uses; followed by construction activities (Robina)

Session 4:
Introduction to PERMATIL’s permaculture in schools programme in Timor-Leste, South-East Asia – presentation & questions (Ego Lemos)

Session 5:
Introduction to the local Bidakanne School and its new Permaculture Food Forest project - audio-visual presentation (Brad)

DAY 3: INTERACTIVE PERMACULTURE PROGRAM STAGES

Session 1
Introducing Environmental Education & Permaculture Design Concepts through participatory methods of delivery, to children at different ages – presentation & group activity (Robina & Ego)

Session 2
Facilitating Site & Sector Analysis survey activities with various age groups
Preparation in small groups, planning for doing this at the school (Robina & Brad)

Session 3
Site & sector analysis activities with various age groups – (all)

Session 4
Debrief and map amalgamation of the results of this activity (Robina & Brad)

Session 5
‘Culture within Permaculture’ as a key motivating factor in engaging children.
(a) Presentation (Robina)
(b) As a group, sharing some locally relevant stories, songs and visual materials. Learning some locally relevant Indian songs (Leigh, Brad)
DAY 4: VISIONING TOGETHER

**Session 1**
(a) **Wholistic Goalsetting Mandala** - different approaches with students, teachers and parents – presentation & mini-activity (Robina).
(b) **Other Client Interview methods** – presentation (Leigh, Ego, Narsing)

**Session 2**
**Preparation & practice of Whole School Community interview** to engage small groups – activity (all tutors engaged)

**Session 3**
## **Whole School Community interview** – activities in small groups (all)

**Session 4**
## **Synthesis** of Whole School Community interview outcomes & debrief activity (Leigh)

**Session 5**
**Localising Food Project Documentaries:**
(a) ‘Awakening Gardeners - Edible Learnscapes & Nature Havens in Early Childhood Centres (23 mins)
(b) Growing Gardeners – Transforming School Grounds Into Productive Learning Environments’ (45 mins)

Followed by sharing and summary of focused learnings about school grounds design (Robina)

DAY 5: DEVELOPING FOOD GARDENS IN SCHOOLS

**Session 1**
(a) Delivering hands-on **permaculture garden design** to children, integrated within the school curriculum – presentation (Robina & Ego)
(b) **Practical Implementation** recommendations – recorded verbal sharing, participants input followed by handout equipment lists (Robina, Ego, Brad, Leigh)

**Session 2**
‘**Kiddo Gardener’ programme** in India (Narsing Arravally)

**Session 3**
## **Permaculture Design** (Broadscale & Gardens) with classes, using models &/or maps & interactive teaching toolkit – activity

**Session 4**
## **Debrief, Design Amalgamation & Preparation for Permablitz** – Brad & Robina

**Session 5**
Starting and sustaining **child-managed school seed banks** – Paperpoint & exert from Localising Food Projects: ‘SOS: Save Our Seeds’ documentary. Q & A, Discussion (Robina)
Session 1 & 2
## School Grounds Practicum:
Amalgamated design layout followed by ‘Perma-blitz’, of school grounds (garden emphasis), implemented by the whole school community – activity (all)

Lunch at Aranya Farm

Session 3
Debrief, Evaluation, Further Resources
Gifting

Complete 3.30pm