#### Natural Cleaners: Natalia Guerra

Identifying naturally occurring elements that are good at cleaning things and a demonstration of making a simple detergent

## Mandala Making: David Boyce

The circle is the seed and the fruit, the cycle and the whole. Explore the beauty of circles and their significance in permaculture as together we make a mandala garden of fruit plants, herbs and other edible perennials.

## **Orchard Management: Ben Lambert**

Reacting to changing climate and economy in a Commercial Orchard. Strategies to reduce chemicals & prevent pests & disease

# **Permaculture Association Trustees Meeting: Trustees**

The Permaculture Association Trustees are here to help us celebrate. They will meet-up throughout Saturday to discuss Association matters, and invite you to join them. More info in the Opening Circles.

# Regen ag: Hannah Thorogood

Regen Ag is a farm scale implementation of permaculture principles, that focusses on building the soil with innovative livestock management. An introduction to Regenerative Agriculture, and how it has been applied to the Inkpot Centre in Lincolnshire.

# Sacred Economics – insights from a Charles Eisenstein retreat: Steve Marsden

A short summary of Charles Eisenstein's Schumacher course "Ecology, Scarcity and the Gift Economy", followed by an open discussion of Charles's healing approach to economics.

## **Scything: Claire White**

Join Claire to learn or practice scything at Buttercup Meadow.

## **Sustainable Beekeeping: Chris Southall**

Bee-friendly bee keeping in difficult times (for bees). How to help your bees survive and thrive (with notes on bumble bees).

#### The Sustainable Grains Project: Deano Martin

A talk on the some of the different approaches to growing grains on a small scale, including an introduction to The Permaculture Association's new Research Project. The talk will also include some elements of soil fertility.

### Using permaculture at a retreat centre for survivors of torture: Ben Margolis

The Grange is a new project based in West Norfolk which hosts survivors of torture and other severe trauma on therapeutic retreats. As a LAND learner site we are also exploring permaculture both for our land but also in how we run the project. This workshop will look at some of the ways we have used permaculture to design the project and we will discuss ways to apply permaculture to people and businesses

# Why should I care about Permaculture Ethics?: James Taylor

What are the permaculture ethics? Where are they from? Who are they for? How might I apply them? And why on Earth should I care about them?

#### Yoga: Sarah

Start your day with gentle, relaxing Hatha yoga with Sarah. Mats provided wear comfortable loose clothing and bring water. If its warm, these sessions will be in the Marquee, otherwise the Games Room.

#### You start with food: Mario Molinari

A food, water and energy education is the answer to food security.

#### **Open Space Option: Extending the Growing Season: Chris Southall**

Dealing with our unpredictable seasons and maximising the quantity of food we can grow

## **Open Space Option: Permaculture Question Time**

Informal questions about anything relating to permaculture – panel required!