



A journey towards
a sustainable future

Education Kit

Revised edition

The *Future Harvest* education program is based on materials developed by staff from Museum Victoria.

Special thanks to:

Centre for Education and Research in Environmental Strategies, Department of Natural Resources and Environment, Geography Teachers' Association of Victoria, Science Teachers' Association of Victoria and Victorian Association of Environmental Education.

Cartoons by Chris Rule.
Illustrations by Peter Bray

© Museum Victoria 1998

ISBN 0 7311 2800 1

First published 1998
Revised edition 2004

Museum Victoria
PO Box 666E
Melbourne Vic 3001
Australia

Teachers may copy material in this text for classroom use.

2	Acknowledgements
3	Introduction
4	Issues in Sustainability
5	School-based activities
6	Primary
14	Secondary Science
21	Secondary SOSE
27	Resources
27	<i>Future Harvest</i> website
27	References and further reading
29	Appendices
29	1 Sustainability views, news and clues
31	2 School environmental survey
32	3 Lifestyle environmental audit
35	4 Identifying soil types
36	5 Native seed collection
37	6 Building a no dig garden

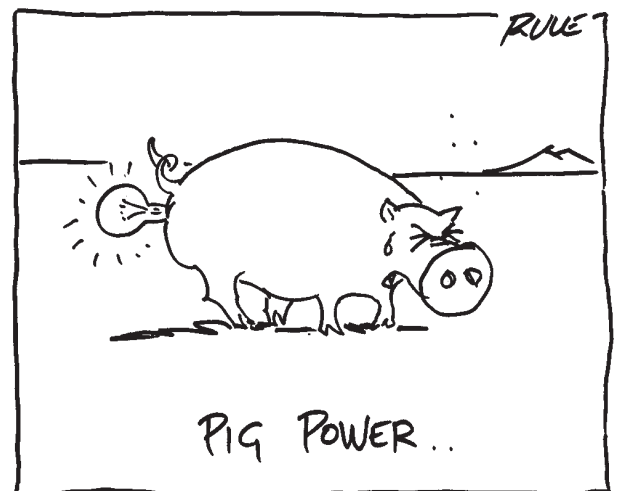
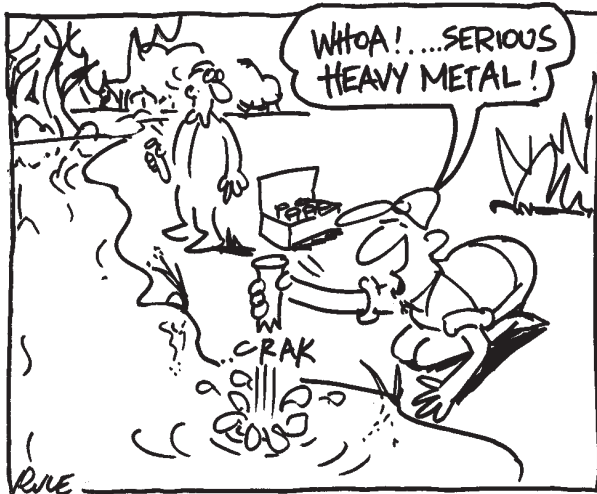
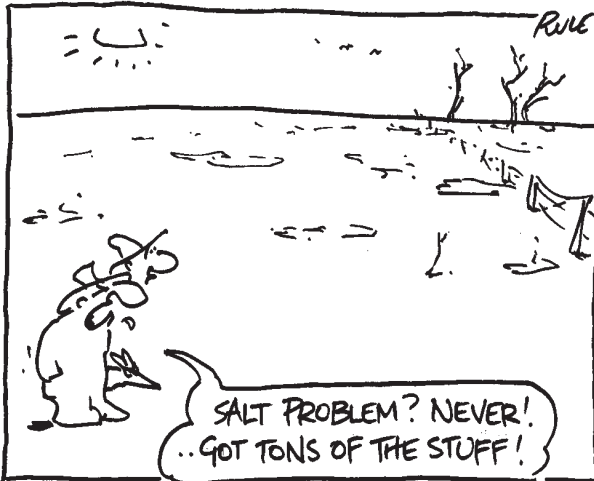
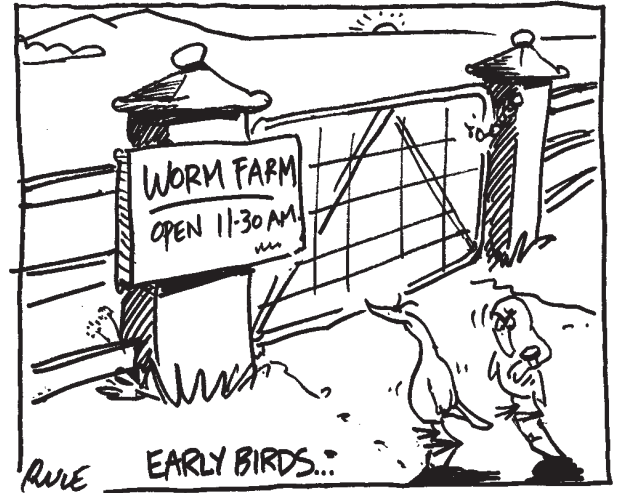
Introduction

The *Future Harvest* education program is designed for students working on Levels 3 to 6 of the Victorian Curriculum and Standards Framework in the Key Learning Areas of Science and Studies of Society and Environment (SOSE). The material can be adapted for the Technology Key Learning Area.

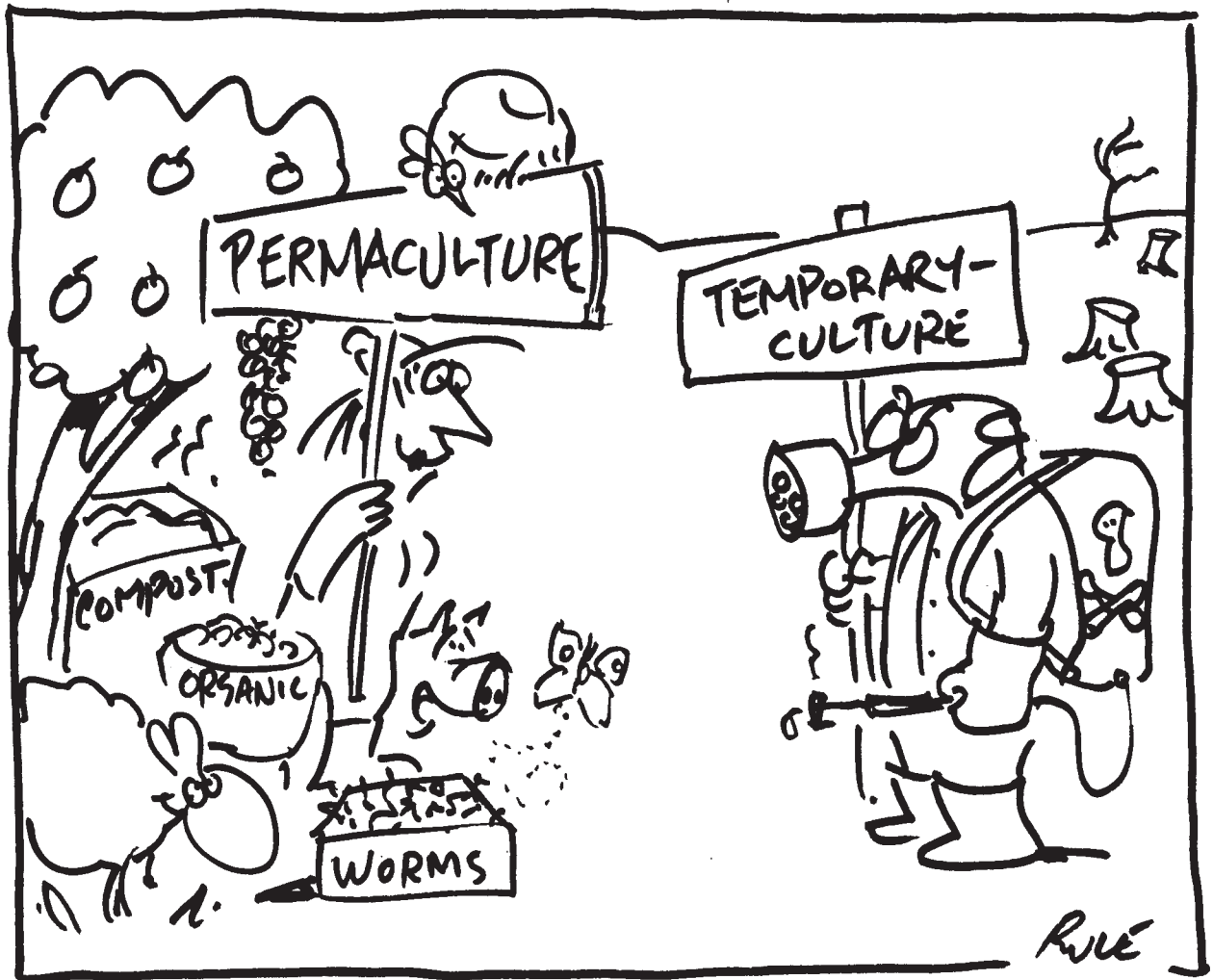
This education program provides the basis for an integrated unit of work which encourages students to investigate the range of factors involved in producing food and other products that we use in our everyday life.

VCE teachers will find the material on pages 27 to 31 of value in the subject areas of Agriculture and Horticultural Studies, Science, Geography and Environmental Science.

Issues in Sustainability



For more information visit the Case Studies at www.museum.vic.gov.au/futureharvest



Overview

The activities are organised into four themes:

- Soil and water
- Growth and production
- Sustainability
- Taking action.

Many activities grouped as primary can be used or adapted for secondary classes. A number of the activities suggested for secondary students may also be used to extend the concepts developed in upper primary classes. There is also a degree of overlap between Science and SOSE activities. Teachers are encouraged to select activities which most suit their program and, if necessary, adapt them to suit the Key Learning Area being studied and/or CSF level.

Safety

Safety precautions need to be considered while students are involved in practical work and field trips. Particular care is needed in activities where glassware, chemicals and heat are used and proper hygiene should be observed when dealing with foods and soil components. Please refer to appropriate safety manuals and documents for further advice.