

General		Core themes & material			
Week	Course activity	Poster	Sample Lesson Plan Theme	Teacher Material	Student Material
0	Garden preparation	Project intro: food security, growing food	(N/A)	Preparatory material	(N/A)
1	Seedling distribution	Healthy eating	Nutrition, Plants and healthy living	Intro to food gardening & environmental ideas	Intro to common gardening terms
2	Seedling distribution	maintaining the garden	For plants it's all about the soil	Habitats & decomposition	
3	Seed distribution	photosynthesis	For plants it's all about the soil (continued)	The soil, sun and rain – photosynthesis	Energy from plants
4	Home planting I	grow your own food	Taking the garden home to influence the environment		
5	Home planting II	improve your environment	Life in the garden and environment	Glossary: Common terms	Glossary
6	in-school sustainability	getting to know indigenous plants	Indigenous v imported plants		Observing the environment: drawing, recording, identifying
7	((After break))	plant life cycle: seed - seed	Seeds type and function		
8	Expanding around the school I	harvesting seeds	Sustainability and seeds from plants		
9	Expanding around the school II	harvesting food	Sustainability, outreach and the community	Community Outreach – food security	
10	Expanding around the school III	community, gardens & the environment	What to do with all that food		
11	Expansion into community I	community & food security	Expanding into the environment, the needs of the community		
12	Expansion into community II	preparing the garden for re-planting	Harvesting and preparing the beds for re-planting	How to keep the garden going, the basics	Gardening at home

		in-class options			
Wk	Activities	English	LO	Maths	Natural Science
0	Garden dig				
1	Fun in the garden, planting and seeds	Hand out workbooks: keep a written journal (in English) of weekly gardening activities	The importance of vegetables in a healthy diet	Counting - intro to sets	Without plants (as food) there would be no life on Earth
2	Responsibility, planting and the lizard island.	In workbooks: Create a written record (dictionary) of new terms and definitions	Shaping and maintaining your (our) environment positively	Measurement (spacing)	The importance of soil for plants and life, 'no life without soil'
3	Maintaining soil quality	In workbooks: Find Zulu translations of the workbook dictionary terms	Shaping and maintaining your (our) environment positively	Geometry I - area	Soil: minerals in/from the soil, maintaining soil for purposes of growth.
4	Double digging	In workbooks: translate English double-dig instructions into Zulu	Gardening at home, you can improve where you live	Geometry II - volume	Apply knowledge (about soil) in developing new spaces
5	Insects, insect hunt and insect house	Prepare garden guide to take home to parents	Crafts: using available resources to build insect habitats	Calculus I - if, and, or, nor	Observation: the diversity and richness of life (finding insects)
6	Indigenous trees & ask gogo, Uses of plants	Revision: Check on and update workbook journals/dictionary. Record what 'gogo' said.	Communication: Finding out what the community knows (ask a gogo)	Calculus II - propositions intro	Observation: indigenous trees and plants, their uses and limits
7	Seeds, propagation, distribution & more	Discuss and translate community feedback into English	Community outreach: Transmission of knowledge into the community	Calculus II - propositions II	Seeds: Identification, type, how they propagate
8	Getting seeds from the fruit and veg you buy	Review and update take home garden material designed for parents/guardian	Sustainability: Harvesting/planting seeds from the fruit and vegetables 'we' eat	Probability I - how much do we need to ensure x?	Seeds: Come from fruit & vegetables, as plants come from seeds (life cycle of plants)
9	Find out what food different people (groups) eat	Posters: Design posters to inform the community about gardening (English & Zulu)	Community outreach: improving food security through growing/gardening vegetables	Probability II - success rates	Apply knowledge properly within out of school spaces
10	What to do with food; taste, harvesting, yield	Revision: Check on and update workbook journals/dictionary.	Community outreach: How to use food to improve peoples lives	Estimation and division	Food: harvest, yeild, taste and more
11	Identifying needs and space to plant – getting help	Review/ update take home material for parents/guardian, the community	Community outreach: transmission of skills into the community	Revision I - geometry & calculus for planning	Revision: Soil, seeds, plants, the environment and food
12	Planning, expanding, replanting and checking the soil	Update workbooks, and prepare for hand-in	Community outreach: shaping the community (local environment) for the better	Revision II - probability and systems	Applying knowledge in setting up garden beds for growing