



Fig. 1

Table 1

THEME	TOPIC	SUBTOPICS 3-6 YEARS:	SUBTOPICS 7-12 YEARS (IN ADDITION TO THOSE FOR 3-6 YEARS):
A INTRODUCING PERMACULTURE	1 PERMACULTURE ETHICS AND PRINCIPLES	<ul style="list-style-type: none"> • The permaculture ethics: Earth care, People care, Fair share 	<ul style="list-style-type: none"> • What is permaculture? • The permaculture principles (Mollison's and/or Holmgren's)
	2 CONNECTIONS	<ul style="list-style-type: none"> • The big family of nature: All of nature is connected • Spotting patterns 	<ul style="list-style-type: none"> • The web of life • Seeing the whole picture • Exploring patterns
B LIVING NATURE	3 SOIL AND STONE	<ul style="list-style-type: none"> • Exploring soil and soil life • Stones • Experiencing different landscapes 	<ul style="list-style-type: none"> • Soil textures and soil tests • Indicator species
	4 WATER	<ul style="list-style-type: none"> • Playing in water • Catching and saving water • Water for life 	<ul style="list-style-type: none"> • The properties of water • Water ecosystems
	5 PLANTS AND TREES	<ul style="list-style-type: none"> • Exploring and naming plants and trees • Bushcraft • Fire 	<ul style="list-style-type: none"> • Creating arts and crafts from natural materials • Discovering the properties and uses of different wild and cultivated plants and trees
	6 THE ANIMAL, FUNGUS AND BACTERIA KINGDOMS	<ul style="list-style-type: none"> • Animal families, homes, names, footprints and other signs • Mushrooms 	<ul style="list-style-type: none"> • The Microscopic World • Fungi: parasites, recyclers and the wood wide web • The animal kingdom: patterns, functions, relationships
	7 AIR	<ul style="list-style-type: none"> • Weather • Breath 	<ul style="list-style-type: none"> • Measuring weather • Microclimates • How climate affects habitats and cultures • Stars, planets, moon, sun
C DESIGN	8 DESIGNING	<ul style="list-style-type: none"> • Creative expression • Making choices • Seeing and sharing designs 	<ul style="list-style-type: none"> • Surveying the landscape and people • Analysing what you found out • Designing and deciding • Implementation - making it happen • Maintenance - looking after your creation

THEME	TOPIC	SUBTOPICS 3-6 YEARS:	SUBTOPICS 7-12 YEARS (IN ADDITION TO THOSE FOR 3-6 YEARS):
D GROWING FOOD	9 GROWING FOOD	<ul style="list-style-type: none"> • Helping to grow food • Caring for soil • Food forests • Animals in permaculture 	<ul style="list-style-type: none"> • Growing food the permaculture way • Companion plants and nutrient givers
	10 PREPARING FOOD	<ul style="list-style-type: none"> • Helping to prepare food and eating together 	<ul style="list-style-type: none"> • Planning and using harvests which are grown or foraged • Cooking and baking • Food hygiene • Healthy eating
E BUILT ENVIRONMENT AND RESOURCE USE	11 BUILDINGS	<ul style="list-style-type: none"> • Homes • Exploring and building with natural materials 	<ul style="list-style-type: none"> • Shelter • Biomimicry • Insulation and draught-proofing
	12 USING NATURE'S GIFTS WISELY	<ul style="list-style-type: none"> • Hand crafts • What happens to our waste? 	<ul style="list-style-type: none"> • Where resources come from and the effects of their use • Fossil fuels, climate change and peak oil • Ways to use less: refuse, reduce, reuse, repair, recycle • Finding solutions for sustainable living
F SOCIAL PERMACULTURE	13 MY BODY, HEART AND MIND	<ul style="list-style-type: none"> • Taking care of my body, heart and mind • Feelings, needs and thoughts • Quiet time 	<ul style="list-style-type: none"> • Ways of learning • Self-awareness • My passions and interests • Self-expression through body, heart and mind
	14 MY COMMUNITY	<ul style="list-style-type: none"> • Communication • Families, neighbours and friends • Playing together and sharing 	<ul style="list-style-type: none"> • Living in community • Group decision making • Resolving conflict • Teamwork
	15 OUR HUMAN FAMILY	<ul style="list-style-type: none"> • My human family • Many languages and cultures • Peace and harmony 	<ul style="list-style-type: none"> • Peace, diversity and harmony in the world • Ethical trade and exchange • Careers and work in permaculture