

Table of Contents

BOTANY INTRODUCTION.....	1
ORGANIZATION OF BOTANY THROUGH THE SCHOOL YEAR.....	3
HORTICULTURE.....	6
PLANTS AND POISONING.....	7
LITERATURE.....	19
LIVING / NONLIVING.....	21
PLANT / ANIMAL.....	25
THE PLANT	
INTRODUCTION.....	29
OBSERVATION OF PLANTS.....	32
LABELS AND PICTURES.....	33
FUNDAMENTAL NEEDS OF PLANTS.....	34
PARTS OF THE PLANT.....	38
PARTS OF THE PLANT: PUZZLE.....	42
PARTS OF THE PLANT/ SIMPLE NOMENCLATURE.....	44
PARTS OF THE PLANT: LABELING THE ENVIRONMENT.....	48
PARTS OF THE PLANT: SORTING VEGETABLES.....	51
THE ROOT	
PARTS OF THE ROOT.....	53
PARTS OF THE ROOT: PUZZLE.....	56
PARTS OF THE ROOT: SIMPLE NOMENCLATURE.....	57
SHAPES OF THE ROOT.....	60
SHAPES OF THE ROOT/ SIMPLE NOMENCLATURE.....	62
PRACTICAL LIFE EXTENSIONS.....	65
SENSORIAL EXTENSIONS.....	66
LANGUAGE ARTS EXTENSIONS.....	67

MATHEMATICS EXTENSIONS.....	68
ART EXTENSIONS.....	69
SCIENCE EXTENSIONS.....	70
ECOLOGY.....	71
FUNCTION.....	72

THE STEM

PARTS OF THE STEM.....	74
PARTS OF THE STEM SIMPLE NOMENCLATURE.....	76
FUNCTION: AS CARRIER OF NUTRIENTS.....	80
FUNCTION: AS STRUCTURAL SUPPORT TO THE PLANT.....	84
PRACTICAL LIFE.....	86
SENSORIAL.....	87
LANGUAGE ARTS.....	88
MATHEMATICS.....	89
ART EXTENSIONS.....	90
SCIENCE EXTENSIONS.....	91
ECOLOGY.....	92

THE LEAF

PARTS OF THE LEAF.....	93
PARTS OF THE LEAF PUZZLE.....	97
PARTS OF THE LEAF: SIMPLE NOMENCLATURE.....	100
SHAPES OF LEAVES.....	104
SHAPES OF LEAVES: LEAF-SHAPE CABINET.....	109
SHAPES OF LEAVES: SIMPLE NOMENCLATURE.....	112
VEINS OF THE LEAF.....	117
VENATION: SIMPLE NOMENCLATURE.....	121
PRACTICAL LIFE EXTENSIONS.....	124
SENSORIAL EXTENSIONS.....	125

LANGUAGE ARTS EXTENSIONS.....126
MATHEMATICS EXTENSIONS.....127
ART EXTENSIONS.....128
SCIENCE EXTENSIONS.....129
ECOLOGY.....130

THE FLOWER

PARTS OF THE FLOWER.....131
PARTS OF THE FLOWER: PUZZLE.....136
PARTS OF THE FLOWER: SIMPLE NOMENCLATURE.....138
PRACTICAL LIFE EXTENSIONS.....141
SENSORIAL EXTENSIONS.....142
LANGUAGE ARTS EXTENSIONS.....143
MATHEMATICS EXTENSIONS.....144
FLOWER OBSERVATION SHEET.....145
ART EXTENSIONS.....146
SCIENCE EXTENSIONS.....147
ECOLOGY.....148

THE FRUIT

PARTS OF THE FRUIT.....149
PARTS OF THE FRUIT: PUZZLE.....152
PARTS OF THE FRUIT: SIMPLE NOMENCLATURE.....154
PRACTICAL LIFE EXTENSIONS.....157
SENSORIAL EXTENSIONS.....158
LANGUAGE ARTS.....159
MATHEMATICS EXTENSIONS.....160
ART EXTENSIONS.....161
SCIENCE EXTENSIONS.....162
ECOLOGY.....163

THE SEED

PARTS OF THE SEED.....164

PARTS OF THE SEED: SIMPLE NOMENCLATURE.....168

PRACTICAL LIFE EXTENSIONS.....171

SENSORIAL EXTENSIONS.....172

LANGUAGE ARTS EXTENSIONS.....173

MATHEMATICS EXTENSIONS.....174

ART EXTENSIONS.....175

SCIENCE EXTENSIONS.....176

ECOLOGY.....177

COMPOST.....178

SEQUENCE OF PRESENTATIONS # 1 ACROSS MONTHS.....180

SEQUENCE OF PRESENTATIONS #2 BY SEASONS ACROSS MONTHS.....181

CALIFORNIA SCIENCE CURRICULUM STANDARDS - KINDERGARTEN-.....182

MATERIALS LIST.....183

MATERIAL SOURCES.....188

RECOMMENDED READING.....192

ADDITIONAL TITLES AVAILABLE.....195