

CONTENTS

Foreword	5
Introduction	6
What is Explore, Engage, Extend?	7
What is the rationale for Explore, Engage, Extend?	7
What teachers say about using Explore, Engage, Extend	8
References	
Recommended reading	
How do I use Explore, Engage, Extend?	9
Timing	
Organising the classroom	
The question cards	
What to do	
After the lesson	
Planning for challenging children's misconceptions	11
Planning for answering children's questions	11
Year 3:	
Parts of a Plant and Requirements for Growth	13
Nutrition and Skeleton	21
Rocks and Soils	31
Light and Materials	39
Forces and Magnets	47
Year 4:	
Living Things and Their Habitats	55
Animals, Including Humans – Teeth and Eating	65
Sound	75
Electricity – Circuits and Conductors	81
States of Matter	89
Year 5:	
Life Cycles of Plants and Animals	97
Growth and Development of Humans	107
Forces	119
Earth and Space	127
Properties and Changes of Materials	137
Year 6:	
Classifying Plants and Animals	145
Circulatory System and Health	155
Evolution and Inheritance	163
Electricity – Changing Circuits	173
Properties of Light	181