## **CONTENTS**

	Page
Preface	vii
The cube as a member of a larger family	
of polyhedrons	1
The planes of symmetry and axes of sym-	
metry of the cube	6
The group of rotations of the cube	21
Sections of the cube	37
Coloured blocks	46
Constructions from coloured blocks	52
Blocks that can be cut out of a cube	67
How a bigger cube can slide through	
a smaller one	77