## **Contents**

Pr	eface	iv
Acknowledgements  Contributors		vii
		viii
1	Mathematical and Aesthetic Perception: Some Philosophical Aspects Nick McAdoo	1
2	How Children Map 3D Volumes and Scenes on to 2D Surfaces John Matthews	9
3	Proportion: The Measure of Art Keith Albarn	21
4	Perspective Drawings William Wynne Willson	43
5	Geometry and Art Jacky Plaster	63
6	Tessellations and the Work of M. C. Escher Lesley Jones	77
7	Islamic Design Marilyn Metz	97
8	Complex Art John Bradshaw	113
9	Plotting Spheres Robert Dixon	129
	References and Bibliography	147
	Index	150