

Contents

<i>Authors</i>	<i>vi</i>
<i>Book Series</i>	<i>viii</i>
<i>Developing Thinking in Geometry</i>	<i>ix</i>
<i>Acknowledgements</i>	<i>xiii</i>
Block 1	1
1 Invariance	2
2 Language and Points of View	19
3 Reasoning Based on Invariant Properties	39
4 Visualising and Representing	57
Block 2	77
5 Invariance in Measurement	78
6 Measuring Areas and Volumes	95
7 Geometrical Reasoning	111
8 Visualising	133
Block 3	153
9 Transformations and Invariants	154
10 Language and Points of View	175
11 Reasoning with Transformation Geometry	193
12 Visualising Transformations	213
Block 4	227
13 Themes and Structure	228
14 Powers, Constructs and Strategies	240
<i>Epilogue</i>	<i>257</i>
<i>References</i>	<i>258</i>
<i>Index</i>	<i>261</i>
CD-ROM	
Interactive Geometry Files	
Audio Files – Imaginings	
Paper Resources	