

CHAPTER

1 Symmetry and Surface Area

Planning Chart

Section/ Suggested Timing	Student Text Pages	Teacher's Resource Blackline Masters	Assessment	Materials and Tools
Get Ready	2–3	BLM 1–1 Chapter 1 Problems of the Week		<ul style="list-style-type: none"> ruler
1.1 Line Symmetry • 80–100 minutes	5–14	BLM 1–2 Section 1.1 Working Example 1 BLM 1–3 Section 1.1 Working Example 1 Show You Know BLM 1–4 Section 1.1 Working Example 2 BLM 1–5 Section 1.1 Extra Practice Master 8 Centimetre Grid Paper		<ul style="list-style-type: none"> scissors tracing paper grid paper ruler coloured pencils Mira™ or transparent ruler mirror stapler
1.2 Rotation Symmetry and Transformations • 90–100 minutes	15–24	BLM 1–6 Section 1.2 Explore Symmetry of a Rotation BLM 1–7 Section 1.2 Extra Practice BLM 1–8 Section 1.2 Math Link		<ul style="list-style-type: none"> protractor tracing paper calculator playing cards (optional) interactive whiteboard (optional) overhead transparencies (optional) overhead projector (optional) paper clips (optional) scissors ruler
1.3 Surface Area • 120–135 minutes	25–35	BLM 1–9 Section 1.3 Warm Up BLM 1–10 Section 1.3 Extra Practice		<ul style="list-style-type: none"> calculator small disks or pennies small boxes or dominoes decks of playing cards, memo pads, business cards, and notepads interlocking cubes (optional) coloured pencils (optional) soup can or other cylindrical shape, and rectangular prisms
Chapter 1 Review • 40–50 minutes	37–39			<ul style="list-style-type: none"> interlocking cubes ruler calculator 11 × 17 paper (optional)
Chapter 1 Practice Test • 40–50 minutes	41–42		BLM 1–11 Chapter 1 Test	
Chapter 1 Math Link: Wrap It Up! • 40–50 minutes	43		Master 1 Project Rubric Master 2 Blank Project Rubric	<ul style="list-style-type: none"> poster paper markers coloured pencils deck of playing cards
Chapter 1 Challenge • 40–100 minutes	44–45	BLM 1–12 Chapter 1 BLM Answers Master 8 Centimetre Grid Paper	Master 1 Project Rubric Master 2 Blank Project Rubric	<ul style="list-style-type: none"> ruler scissors