

**CHAPTER**

# 10 Circle Geometry

## Planning Chart

Section/ Suggested Timing	Student Text Pages	Teacher's Resource Blackline Masters	Assessment	Materials and Tools
<b>Get Ready</b>	560–561	BLM 10–1 Chapter 10 Problems of the Week Master 24 Protractors		<ul style="list-style-type: none"> <li>• protractor</li> <li>• ruler</li> <li>• overhead projector (optional)</li> </ul>
<b>10.1 Exploring Angles in a Circle</b> • 50–60 minutes	563–574	BLM 10–2 Section 10.1 Explore Circles BLM 10–3 Section 10.1 Extra Practice BLM 10–4 Circles Template Master 24 Protractors		<ul style="list-style-type: none"> <li>• calculator</li> <li>• compass</li> <li>• protractor</li> <li>• ruler</li> <li>• coloured pencils (optional)</li> <li>• camera and flashlight (optional)</li> </ul>
<b>10.2 Exploring Chord Properties</b> • 50–60 minutes	575–583	BLM 10–4 Circles Template BLM 10–5 Section 10.2 Extra Practice BLM 10–6 Section 10.2 Math Link Master 24 Protractors		<ul style="list-style-type: none"> <li>• compass</li> <li>• tracing paper</li> <li>• ruler</li> <li>• protractor</li> <li>• calculator</li> <li>• overhead projector or interactive whiteboard</li> <li>• right triangle ruler (optional)</li> <li>• coloured pencils (optional)</li> <li>• examples of mandalas (optional)</li> </ul>
<b>10.3 Tangents to a Circle</b> • 50–60 minutes	584–599	BLM 10–7 Section 10.3 Explore Circles and Their Tangents BLM 10–8 Section 10.3 Extra Practice Master 24 Protractors		<ul style="list-style-type: none"> <li>• protractor</li> <li>• ruler</li> <li>• calculator</li> <li>• coloured pencils (optional)</li> </ul>
<b>Chapter 10 Review</b> • 40–50 minutes	601–604			<ul style="list-style-type: none"> <li>• calculator</li> </ul>
<b>Chapter 10 Practice Test</b> • 30–40 minutes	606–608		BLM 10–10 Chapter 10 Test	<ul style="list-style-type: none"> <li>• calculator</li> </ul>
<b>Chapter 10 Math Link: Wrap It Up!</b> • 40–50 minutes	608	BLM 10–4 Circles Template Master 24 Protractors	Master 1 Project Rubric Master 2 Blank Project Rubric	<ul style="list-style-type: none"> <li>• protractor</li> <li>• examples of logos (optional)</li> </ul>
<b>Chapter 10 Challenge</b> • 50–60 minutes	609	BLM 10–9 Challenge Dream Catcher BLM 10–11 Chapter 10 BLM Answers Master 24 Protractors	Master 1 Project Rubric Master 2 Blank Project Rubric	<ul style="list-style-type: none"> <li>• ruler</li> <li>• compass</li> <li>• protractor</li> <li>• overhead projector or interactive whiteboard (optional)</li> <li>• coloured pencils (optional)</li> <li>• clipboard (optional)</li> </ul>