

CHAPTER

3 Powers and Exponents

Planning Chart

Section/ Suggested Timing	Student Text Pages	Teacher's Resource Blackline Masters	Assessment	Materials and Tools
Get Ready	116–117	BLM 3–1 Chapter 3 Problems of the Week		<ul style="list-style-type: none"> calculator interlocking cubes
3.1 Using Exponents to Describe Numbers • 45–60 minutes	119–127	BLM 3–2 Section 3.1 Extra Practice Master 25 Formulas		<ul style="list-style-type: none"> calculator examples of mobiles (2-D and 3-D shapes)
3.2 Exponent Laws • 50–60 minutes	128–140	BLM 3–3 Exponent Laws BLM 3–4 Section 3.2 Extra Practice Master 9 0.5 Centimetre Grid Paper		<ul style="list-style-type: none"> calculator
3.3 Order of Operations • 50–60 minutes	141–148	BLM 3–5 Section 3.3 Extra Practice		<ul style="list-style-type: none"> calculator
3.4 Using Exponents to Solve Problems • 50–60 minutes	149–157	BLM 3–6 Explore Operations on Powers BLM 3–7 Section 3.4 Extra Practice Master 25 Formulas		<ul style="list-style-type: none"> calculator different-sized cubes (3 cm, 4 cm, 5 cm)
Chapter 3 Review • 40–50 minutes	159–162	BLM 3–3 Exponent Laws		<ul style="list-style-type: none"> calculator
Chapter 3 Practice Test • 40–50 minutes	164–165	BLM 3–3 Exponent Laws	BLM 3–10 Chapter 3 Test	<ul style="list-style-type: none"> calculator
Chapter 3 Math Link: Wrap It Up! • 80–100 minutes	166	BLM 3–8 Chapter 3 Math Link: Wrap It Up!	Master 1 Project Rubric Master 2 Blank Project Rubric	<ul style="list-style-type: none"> calculator ruler scissors tape, glue, or staples construction paper or other heavy paper wire, fishing line, or string coloured pencils and markers other materials for making a mobile
Chapter 3 Challenge • 40–50 minutes	167	BLM 3–9 Chapter 3 Challenge BLM 3–11 Chapter 3 BLM Answers	Master 1 Project Rubric Master 2 Blank Project Rubric	<ul style="list-style-type: none"> calculator ruler