RECORD OF WORK COVERED

Essential Mathematics — Grade 10 • Term II

WEEK 1

TERM	WEEK	DATES	MON	TUE	WED	THU	FRI
II	1						

SUBJECT & GRADE	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE / MAIN BOOK(S) AND PAGES	REMARKS
Essential Mathematics — Grade 10			**Measurements and Geometry — Reflection: Lines of symmetry in plane figures** Identified lines of symmetry in plane figures, determined the number of lines of symmetry in different shapes, and recognised symmetry in everyday objects such as doors, windows and leaves.	Mentor Essential Mathematics pg. 50	
Essential Mathematics — Grade 10			**Measurements and Geometry — Reflection: Lines of symmetry in regular polygons; properties of reflection** Determined lines of symmetry in regular polygons, stated that the number equals the number of sides, and connected symmetry to design patterns in fabric and architecture.	Mentor Essential Mathematics pg. 52 & 53	
Essential Mathematics — Grade 10			**Measurements and Geometry — Reflection: Drawing images given object and mirror line** Drew an image given an object and a mirror line, constructed perpendicular lines to locate image points, and applied reflection skills to understanding kaleidoscopes and periscopes.	Mentor Essential Mathematics pg. 54	
Essential Mathematics — Grade 10			**Measurements and Geometry — Reflection: Reflection along x = 0** Drew an image after reflection along the line x = 0, determined the coordinates of image points reflected along the y-axis, and connected reflection to creating symmetric designs and logos.	Mentor Essential Mathematics pg. 56	
Essential Mathematics — Grade 10			**Measurements and Geometry — Reflection: Reflection along y = 0** Drew an image after reflection along the line y = 0, determined the coordinates of image points reflected along the x-axis, and applied reflection to architectural symmetry and graphic design.	Mentor Essential Mathematics pg. 58	