

GRADE 4-8 CURRICULUM CONNECTIONS

Gr	GEOGRAPHY	GEOGRAPHIC INQUIRY SKILLS	MATHEMATICS	MATHEMATIC INVESTIGATION SKILLS	SCIENCE AND TECHNOLOGY	SCIENTIFIC INQUIRY
4	Natural resources forests Map symbols sketch maps	Use appropriate vocabulary Formulate questions to guide the gathering of information Locate information from primary and secondary sources	Measure in mm, cm, m to 2 decimal places Mental addition and subtraction of whole and decimal numbers Linear dimensions	Data collection Databases interpretation Data display - manual and computer generated tables, charts, graphs Symbols, titles, labels	Factors that affect plants Plant adaptations Human effect on environment Plants & loss of habitat Extinction	Formulate questions & possible answers Plan investigations for some of the answers, identifying constant variables & criteria for assessing solutions
	Past civilizations and the environment Grids Symbols Directions	Sort and classify relevant information Construct and read a wide variety of graphs, maps, and models Communicate using media works, oral presentations, written notes and descriptions, drawings and charts, maps and graphs.	Mathematical language Mental add & subtract Measure in linear units Geometric angles Grids Perimeter	Data pattern analysis	Weather and climate influences Energy Conservation	Use appropriate language Compile record, and present data using tally charts, tables, and labeled graphs produced by hand and by computer
	Trade & Canada Canada-US Interconnections Sketch map Symbol colours		Perimeter Mathematical language Geometric properties of square, rectangle	Spreadsheets, tables, Databases Patterns Types of graphs		Communicate using media works, oral presentations, written notes and descriptions, drawings and charts
7	Natural resources Natural vegetation and climate patterns Environment Interconnections	Use appropriate vocabulary Formulate comparative & speculative questions Locate relevant info from primary sources; Analyze, synthesize, & evaluate data using a decision-making model Produce a wide variety of graphs, charts, diagrams and models for different purposes	Relevant units of measure Diameter	Prediction Central tendency - mean Trends Inferences Arguments Symbols	Ecosystems and population Impact of technology on environment Growth and reproductive conditions for plants Loss of habitat Extinction Greenhouse Gases Carbon Sequestering	Formulate questions & possible answers Plan investigations for some of the answers, identifying constant variables & criteria for assessing solutions Use appropriate language Compile, record, and present quantitative & qualitative data using diagrams, flow charts, frequency tables, & graphs produced by hand and by computer
	Impact of human decisions on environment Maps	Communicate results stating opinions using media works, oral & written reports, drawings, tables, charts, and graphs.	Angles Perpendicular Mathematical language	Spreadsheets Patterns and trends Variety of graphs Inferences Arguments		Communicate using media works, oral presentations, drawings, charts, written notes & descriptions,