



Institut collégial Vincent Massey Collegiate

975 Dowker Ave Winnipeg, MB R3T 1R7 (204) 453-8023

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☐ E Course Plan – Grades 9-12+

Course: SCI20E

Student Specific Outcome (to be achieved by the end of the school year):

Priority Course/Language Outcomes	Strategies/ Materials
SCI20E overlaps with the Manitoba Curriculum for SCI20F with emphasis on the student's ability to: Domain 1: Linguistic Competency (language/vocabulary) - Practice using science vocabulary correctly (pronunciation and meaning) - Understand text features - Express own ideas Domain 2: Contextual Applications - Use vocabulary specific to science for learning skills (e.g. balance chemical equations, solve physics math problems) - Describe and analyze a problem, then propose solution - Use definitions, comparisons and examples to understand ideas and concepts. - Work in groups to develop communication skills	Teachers may use strategies such as: - Changing words to match the learner's language level - Visuals and objects used to support learning - Giving extra time to work on assignments - Paraphrasing, repetition, and writing key words on the board - Shortening assignments - Showing examples of finished work - Use videos and pictures to build student's vocabulary, knowledge, and background knowledge - Using knowledge of home countries to connect to Canadian environment - Role plays are used to build communication skills and context Teachers will adapt instruction to include: - Shortened activities - Step-by-step instruction - Additional time to complete learning tasks



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Domain 3: Intercultural Communication and Global Citizenship - Report on current scientific events - Develop the knowledge, skills and attitudes to make decisions as global citizens (e.g. Explore sustainability, analyze effects of human actions on ecosystems) Domain 4: Strategic Competence - Use original ideas - Use self and peer assessment - Review information and vocabulary at home	- Repetition of instructions (written and oral) - The use of graphic organizers - Using writing templates such as: sentence starters, graphic organizers, paragraph frames, charts and graphs Teachers will emphasize the following learning strategies: - Arrive to class prepared and ready to learn - Review notes and activities every day - Access additional supports (peer tutoring, extra help from classroom teacher, lunch tutorial) - Ask questions in class - Complete assigned homework tasks - Meet deadlines - Work towards less dependence on translators - Active listening and participation in class discussions and activities - Follow sequenced instructions (e.g. lab safety) - Having students monitor their understanding and check understanding with questions for teacher, educational assistant, classmates

*Please refer to Provincial Report Card for evaluation