



Archbishop MacDonald Catholic High School

Course Chemistry 30 IB SL

Year 2025-2026

Term Semester 1

Teacher(s) Cavaliere, Ernest Ernest.Cavaliere@ecsd.net

Resources Digital textbook: app.kognity.com

IB Curriculum [LINK](#)

IB Overview * and ** denotes content covered in Year 1 and Year 2 respectively
*** denotes aspects are covered in both Year 1 and Year 2

Structure 1. Models of the particulate nature of matter *

Structure 2. Models of bonding and structure ***

Structure 3. Classification of matter ***

Reactivity 1. What drives chemical reactions? **

Reactivity 2. How much, how fast and how far? ***

Reactivity 3. What are the mechanisms of chemical change? ***

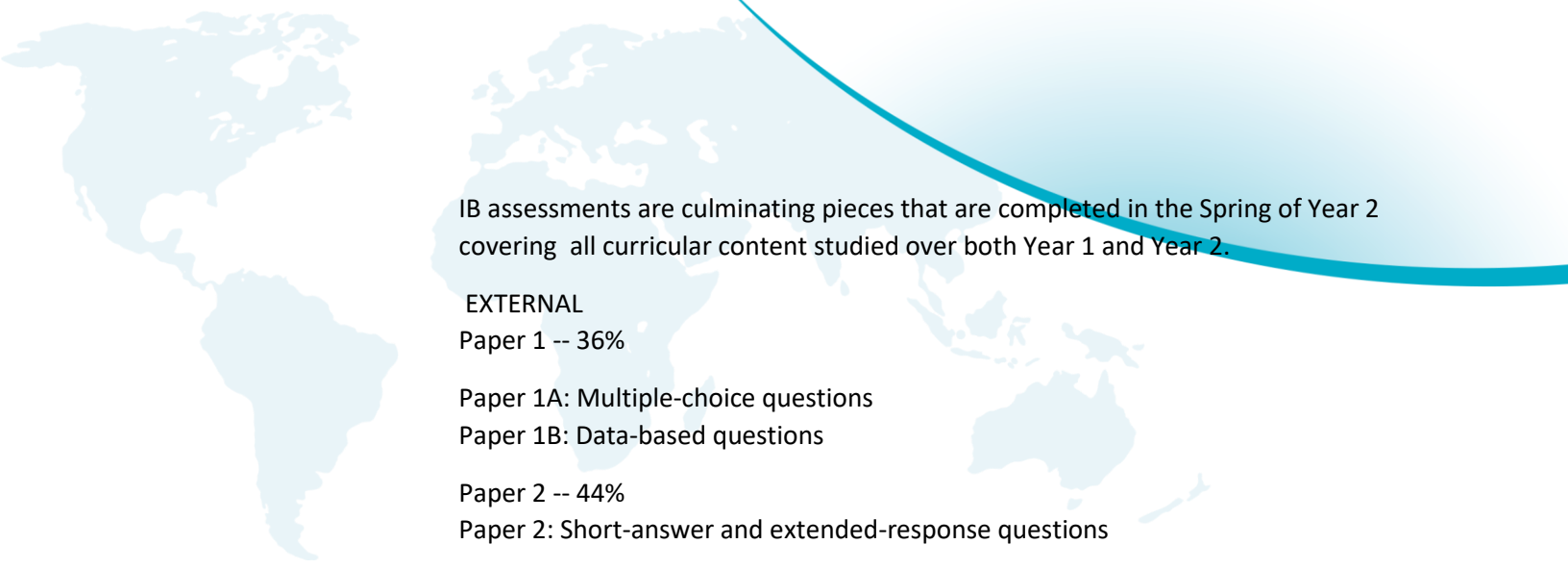
EXPERIMENTAL PROGRAMME

Practical work ***

Collaborative sciences project **

Scientific Investigation **

IB Assessment Only content from the Alberta Program of Studies affects the course grade.
IB content is assessed formatively using IB standards.



IB assessments are culminating pieces that are completed in the Spring of Year 2 covering all curricular content studied over both Year 1 and Year 2.

EXTERNAL

Paper 1 -- 36%

Paper 1A: Multiple-choice questions

Paper 1B: Data-based questions

Paper 2 -- 44%

Paper 2: Short-answer and extended-response questions

INTERNAL

Internal Assessment -- 20%

Scientific investigation: open-ended task in which the student gathers and analyses data to answer their own formulated research question (3000 word report)

