



Ecole Internationale Provence-Alpes-Côte d'Azur



Forward Planning

Long-Term Semester Planning

Academic Year: 2020-2021

Class: S5

Subject: Chemistry

Teacher: B. GILBERT

No. Students: 30

Curriculum – Long-Term Planning 2020-2021

Dates	Learning objectives	Learning outcomes / Assessment	Key competences	Activities / Resources
September - October	TOPIC 1: ELECTROCHEMISTRY 1.1 Redox reactions	Short quizzes	Literacy Maths Science Technology and Engineering Citizenship Personal, social and learning to learn	Edexcel IGCSE Chemistry Student book
Vacances de Toussaint				
November - December	1.2 Electrochemical cells Galvanic cell & Electrolytic cell TOPIC 2: ACIDS AND ALKALIS (BASES) 2.1 Definition 2.2 Dissociation of acids and bases in aqueous solution	Short quizzes Written tests	Literacy Multilingualism Maths Science Technology and Engineering Literacy Maths Science Technology and Engineering Digital Entrepreneurship	Edexcel IGCSE Chemistry Student book

	2.3 Acidity of a solution – pH scale			
Noël - Christmas				
January - February	2.4 Environmental problem of CO ₂ 2.5 Neutralisation	Short quizzes Written tests Project	Literacy Maths Science Technology and Engineering Digital Citizenship Entrepreneurship	Edexcel IGCSE Chemistry Student book
Vacances d'hiver				
March - April	TOPIC 3: QUANTITATIVE APPROACH OF A REACTION 3.1 Mole, molar mass and molar volume 3.2 Concentration and dilution 3.3 Prediction of reactions results 3.4 Acid-base titration	Short quizzes Written tests	Literacy Maths Science Technology and Engineering Personal, social and learning to learn	Edexcel IGCSE Chemistry Student book

Vacances de Pâques				
May - June	TOPIC 4: FOOD AND CHEMISTRY 4.1 Alcohols 4.2 Carboxylic acids 4.3 Carbohydrates 4.4 Triglycerides	Short quizzes Written tests Project	Literacy Maths Science Technology and Engineering Digital Entrepreneurship Cultural awareness and expression Personal, social and learning to learn	Edexcel IGCSE Chemistry Student book