都立国際高校　年間授業計画／Tokyo Metropolitan Kokusai High School　Course Syllabus

○ 科目基礎情報 (Course information)

開講年度	(Academic year)	令和7年度 (2025 年度)
開講学科	(Department)	国際学科国際バカロレアコース／IBDP(International Baccalaureate Diploma Programme)
教科	(Subject Area)	Science
科目	(Subject)	Chemistry HL
学年･クラス	(Grade･Class)	DP2
単位数	(Number of units)	6
使用教科書	(Text Books)	Hodder IB Diploma Programme Chemistry 2023 Edition
校外学習	(Field trip)	No

○ 教科の目標 (Goals of the subject area)

【知　識　及　び　技　能】 (Knowledge and Skills)
- ･acquire a body of knowledge, methods and techniques that characterize science and technology
- ･develop an understanding of the relationships between scientific disciplines and their influence on other areas of knowledge.

【思考力、判断力、表現力等】 (Ability to think, make judgements, express themselves)
- ･apply and use a body of knowledge, methods and techniques that characterize science and technology
- ･develop an ability to analyse, evaluate and synthesize scientific information
- ･develop experimental and investigative scientific skills including the use of current technologies

【学びに向かう力、人間性等】 (Motivation to learn, Humanity)
- ･appreciate scientific study and creativity within a global context through stimulating and challenging opportunities
- ･develop a critical awareness of the need for, and the value of, effective collaboration and communication during scientific activities

○ 科目の目標 (Goals of the subject)

【知識及び技能】 (Knowledge and Skills)	【思考力、判断力、表現力等】 (Ability to think, make judgements, express themselves)	【学びに向かう力、人間性等】 (Motivation to learn, Humanity)
Demonstrate knowledge and understanding of: a. facts, concepts and terminology b. methodologies and techniques c. communicating scientific information	Apply: a. facts, concepts and terminology b. methodologies and techniques c. methods of communicating scientific information.	Demonstrate the appropriate research, experimental, and personal skills necessary to carry out insightful and ethical investigations.

○ 授業計画 (Course schedule)

	単元の具体的な指導目標 Unit Objectives	指導項目・内容 Topic / Contents	評価規準 Evaluation Criteria	知 ❶	思 ❷	態 ❸	Alotted hours 配当時数
1学期 (1st semester)	Internal Assessment	Contents: Completion of the IA	❶【Knowledge/Skills】 ･Short test, Examination, Lab report ❷【Ability to think/make judgements/express themselves】 ･Examination, Poster presentation ❸【Attitude towards learning proactively】 ･Reflection	○	○	○	43
	Revision	Contents: ・Past paper revision Teaching materials: ・Textbook, PowerPoint slides	❶【Knowledge/Skills】 ・Short test, Examination, Lab report ❷【Ability to think/make judgements/express themselves】 ・Examination, Poster presentation ❸【Attitude towards learning proactively】 ・Reflection	○	○	○	40
	定期考査 Examination			○	○		1
2学期 (2nd semester)	Revision	Contents: ・Past paper revision Teaching materials: ・Textbook, PowerPoint slides	❶【Knowledge/Skills】 ・Short test, Examination, Lab report ❷【Ability to think/make judgements/express themselves】 ・Examination, Poster presentation ❸【Attitude towards learning proactively】 ・Reflection	○	○	○	95
	定期考査 Examination			○	○		1
3学期 (3rd semester)	Revision	Contents: ・Past paper revision Teaching materials: ・Textbook, PowerPoint slides	❶【Knowledge/Skills】 ･Short test, Examination, Lab report ❷【Ability to think/make judgements/express themselves】 ･Examination, Poster presentation ❸【Attitude towards learning proactively】 ･Reflection	○	○	○	47
	定期考査 Examination			○	○		1

総授業時数 Total hours	228