

Summary

Strand 2 - Education Current Draft



Subject	Year	Start date	Duration
Information Technology in a Global Society	IB1	Week 2, May	6 weeks 12 hours

Course Part

CORE

Description

Students should be able to demonstrate a knowledge and understanding as detailed by the AO's of the following Education topic.

- Describe the technologies use for teaching and learning
- Explain how IT can assist users with special needs
- Explain how IT is used in school administration
- Discuss the types of Resources available online
- Evaluate the Benefits of information technologies online in the classroom

The development of new IT systems is revolutionizing the delivery of education and training. Technological advances have led to an increase in the dependency of students, staff and administrators on the supporting IT systems.

Inquiry & Purpose

? Inquiry / Higher Order Questions

Type	Inquiry Questions
Debatable	What did Sydney Harris mean when he said that "The real danger is not that computers will begin to think like men, but that men will begin to think like computers"? Was he right, or was it based on a misunderstanding of either men or computers?

Curriculum

🎯 Aims

Encourage the systematic and critical study of: human experience and behaviour; physical, economic and social environments; and the history and development of social and cultural institutions

Enable the student to collect, describe and analyse data used in studies of society, to test hypotheses, and to interpret complex data and source material

Develop the student's understanding of the capabilities of current and emerging IT systems and to evaluate their impact on a range of stakeholders

◇ Objectives

Knowledge and understanding of specified content

- demonstrate an awareness of IT applications and developments in specified scenarios
- demonstrate an awareness of the social and ethical significance of specified IT applications and developments
- demonstrate technical knowledge of ITGS terminology, concepts and tools
- demonstrate technical knowledge of IT systems
- demonstrate knowledge and understanding of topics related to the annually issued case study (HL paper 3 only)

Application and analysis

- explain the impacts of IT applications and developments in specified scenarios
- analyse the social and ethical significance of specified IT applications and developments
- transfer IT knowledge and make connections between specific scenarios
- apply technical knowledge of IT systems acquired through independent research to provide supporting evidence in possible decisions relating to future courses of action related to the annually issued case study (HL paper 3 only)

Synthesis and evaluation

- evaluate, formulate and justify possible strategic courses of action related to the annually issued case study (HL paper 3 only)

📖 Syllabus Content

Strand 2: Application to specified scenarios

Core

2.2 Education and training

📊 ATL Skills

🔑 Approaches to Learning

⚙️ Thinking

💬 Communication

👤 Developing IB Learners

★ Learner Profile

🔍 Inquirers



Knowledgeable



Thinkers



Balanced



Reflective



Assessment

F Formative assessment

Students' progress will be monitored through dialogue of 1-1, group and class discussions. Assessment strategies for this unit will include a variety of methods to cater for all learning styles (kinesthetic, auditory and visual learners) and to engage in the syllabus outline thoroughly. All formal summative evaluations will be marked according to IB criteria that ranges from grade 1 (very poor) to grade 7 (excellent performance). Students assessments include:

- Mini quizzes and formative activities to reinforce certain concepts.
- Projects will be given but not limited to, oral presentations.
- Short question and answer based on paper 1 and paper 2 components
- Topic starter/activities template to produce resources prepared to teach and deliver to the class.
- Homework is assigned as a vital extension of the classroom work. Students can be expected to regularly receive homework designed to reinforce concepts and skills covered in class.
- Homework includes, but not limited to, readings, worksheets, writing assignments, research, and revision for summative assessment

S Summative assessment

A written theory paper exam at the end of this specific themed topic.



Assessment criteria

SL Criteria

External Assessment

Paper 1: Structured questions that assess in an integrated way the three strands of the syllabus

Social and ethical significance

Application to specific scenarios

IT systems

HL Criteria

External Assessment

Paper 1: Structured questions that assess in an integrated way the three strands of the syllabus, including HL topics

Social and ethical significance

IB DP IB1 ITGS 2021 (IB1)

Application to specific scenarios

IT systems

Description