

IB DP Business Management Ms Wood 2020 - 2022
(IB1)

Summary

5.3 Lean Production and Quality Management (HL) Current



Subject	Year	Start date	Duration
Business Management	IB1	Week 2, May	2 weeks 8 hours

Course Part

Unit 5: Operations Management

Description

By the end of Subtopic 5.3 - Lean production and quality management, you should be able to:

- State the main types of waste.
- Define the term efficiency.
- Analyse how lean production can reduce waste.
- Explain the following methods of lean production:
 - Continuous improvement (kaizen)
 - Just in time (JIT)
 - Kanban
 - Andon.
- Explain the features of cradle-to-cradle design and manufacturing.
- State the features of quality control.
- State the features of quality assurance.
- Explain the following methods of managing quality:
 - Quality circle
 - Benchmarking
 - Total quality management (TQM).
- Evaluate the impact of lean production and TQM on an organisation.
- Analyse the importance of national and international quality standards.

Inquiry & Purpose

? Inquiry / Higher Order Questions

Type

Inquiry Questions

Concept-based

What is the role of creativity, imagination and emotion in a business context?