



LESSON BREAKDOWN
SMA KHALIFA INSAN MADANI SEJAHTERA
ACADEMIC YEAR 2023/2024

Subject : Information Technology (9626)
Teachers : Dina Al-Fatihah Nur Fauziah
Level : Senior Secondary 10
Curriculum : Cambridge International AS & A Level

2ND SEMESTER

| No | Week | Learning Objectives | Resources | Mastery learning test |
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| 24 | Week 24 1-5 January 2024 | <i>First Day School and Seminar Anti Bullying</i> | | |
| 25 | Week 25 8-12 January 2024 | <p>Chapter 2 Hardware and software</p> <ul style="list-style-type: none"> • Students should be able to describe the characteristics of mainframe • Students should be able to give example of the use mainframe computers and supercomputers • students are able to explain the advantages and disadvantages of mainframe computers and supercomputers. | <p>Cambridge International IT Coursebook and youtube video https://www.youtube.com/watch?v=CE_1Fvwu3T8&autoplay=0</p> | Practice matter |
| 26 | Week 26 15-19 January 2024 | <p>Chapter 2 Hardware and software</p> <ul style="list-style-type: none"> • Students should be able to describe types of system software and how they are used • students should be able to explain the advantages and disadvantages of system software | <p>Cambridge International IT Coursebook</p> | Practice matter |

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| | | <ul style="list-style-type: none"> students should be able to understand the need for utility software | | |
| 27 | Week 27 22-26 January 2024 | Chapter 2 Hardware and software <ul style="list-style-type: none"> Students should be able to describe the uses of customer written software and off the shelf software students should be able to describe different types for user interfaces and their uses Students should be able to explain the advantages and disadvantages of different types of user interface. | Cambridge International IT Coursebook | Practice matter |
| 28 | Week 28 29 Jan-2 February 2024 | Chapter 3 Monitoring and control <ul style="list-style-type: none"> Students should be able to recognize a range of sensors and understand how they are used in monitoring systems | Cambridge International IT Coursebook | Practice matter |
| 29 | Week 29 5-9 February 2024 | <i>Entrepreneurship - Market Day (P5) 7 February 2024</i> | | |

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| 30 | <p>Week 30</p> <p>12-16 February 2024</p> | <p>Chapter 3 Monitoring and control</p> <ul style="list-style-type: none"> Students should be able to recognize a range of sensors and understand how they are used in monitoring systems | Cambridge International IT Coursebook | Practice matter |
| 31 | <p>Week 31</p> <p>19-23 February 2024</p> | <p>Chapter 3 Monitoring and control</p> <ul style="list-style-type: none"> Students should be able to know what is meant by calibration and understand why sensors are calibrated | Cambridge International IT Coursebook | Practice matter |
| 32 | <p>Week 32</p> <p>26 Feb-1 March 2024</p> | <p>Chapter 3 Monitoring and control</p> <ul style="list-style-type: none"> Students should be able to know what is meant by calibration and understand why sensors are calibrated | Cambridge International IT Coursebook | Practice matter |
| 33 | <p>Week 33</p> <p>4-8 March 2024</p> | <p><i>Summative Assessment 3</i></p> <p><i>(Test, Enrichment & Remedial)</i></p> | | |

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| 34 | Week 34 11-15 March 2024 | <i>Summative Assessment 3</i> <i>(Test, Enrichment & Remedial)</i> | | |
| 35 | Week 35 18-22 March 2024 | <i>Ramadan Camp & SLC</i> | | |
| 36 | Week 36 25-29 March 2024 | Chapter 4 Algorithms and flowcharts <ul style="list-style-type: none"> • Students should be able to edit a given algorithm • Students should be able to write an algorithm using pseudocode to solve a given problem | Cambridge International IT Coursebook | Practice matter |
| 37 | Week 37 1-5 April 2024 | Chapter 4 Algorithms and flowcharts <ul style="list-style-type: none"> • Students should be able to edit a given algorithm • Students should be able to write an algorithm using pseudocode to solve a given problem | Cambridge International IT Coursebook | Practice matter |
| 38 | Week 38 8-12 April 2024 | <i>Eid Al Fitr Holiday</i> | | |

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| 39 | Week 39 15-19 April 2024 | <i>Eid Al Fitr Holiday</i> | | |
| 40 | Week 40 22-26 April 2024 | Chapter 4 Algorithms and flowcharts <ul style="list-style-type: none"> • Students should be able to edit a given flowchart • Students should be able to draw a flowchart to solve a given problem | Cambridge International IT Coursebook | Practice matter |
| 41 | Week 41 29 April-3 May 2024 | Chapter 4 Algorithms and flowcharts <ul style="list-style-type: none"> • Students should be able to edit a given flowchart • Students should be able to draw a flowchart to solve a given problem | Cambridge International IT Coursebook | Practice matter |
| 42 | Week 42 6-10 May 2024 | Chapter 4 Algorithms and flowcharts <ul style="list-style-type: none"> • Students should be able to edit a given flowchart • Students should be able to draw a flowchart to solve a given problem | Cambridge International IT Coursebook | Practice matter |

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| 43 | Week 43 13-17 May 2024 | <p>Chapter 4 Algorithms and flowcharts</p> <ul style="list-style-type: none"> • Students should be able to edit a given flowchart • Students should be able to draw a flowchart to solve a given problem | Cambridge International IT Coursebook | Practice matter |
| 44 | Week 44 20-24 May 2024 | <ul style="list-style-type: none"> • Review Material Summative Assessment 4 | Cambridge International IT Coursebook | Practice matter |
| 45 | Week 45 27-31 May 2024 | <p><i>Summative Assessment 4</i></p> <p><i>(Test, Enrichment, & Remedial)</i></p> | | |
| 46 | Week 46 3-7 June 2024 | <p><i>Summative Assessment 4</i></p> <p><i>(Test, Enrichment, & Remedial)</i></p> | | |

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| 47 | Week 47 10-14 June 2024 | <i>Class Meeting</i> | | |
| 48 | Week 48 17-21 June 2024 | <i>Eid Al-Adha & PTC</i> | | |
| 49 | Week 49 24-28 June 2024 | <i>Semester 2 Break</i> | | |

Prepared by,
Subject Teacher

Acknowledged by,
Principal

Dina Al-Fatihah Nur Fauziah, S.Pd.

Hani Faizah, S.Pd., M.M.