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56	Unit 1	Custom flour diagrams	
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59	Unit 1	Other diagrams (gantt, structure)	
60	Unit 1	Prototyping	
61	Unit 1	Prototyping	
62	Unit 1	Implementation (tech stack)	
63	Unit 1	Implementation (parallel, phased, direct etc)	
66	Unit 1	Testing & backups	
67	Unit 1	Unit 1 assignment	
68	Unit 1	Unit 1 assignment	
69	Unit 1	Unit 1 assignment	
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72	Unit 1	Finish unit 1 assignments	
73	Unit 2	Binary number systems	
74	Unit 2	Binary number systems	
75	Unit 2	Representing different data using binary	
76	Unit 2	Logic gates & circuits	
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82	Unit 2	CPU architecture; fetch-decode-execute cycle	
83	Unit 2	Operating systems; Primary & secondary memroy	
86	Unit 2	Operating systems; Primary & secondary memroy	
87	Unit 1	Unit 1 & 2 review past paper questions	
88	Unit 2	Unit 1 & 2 review past paper questions	
89	Unit 2	Unit 1 & 2 review past paper questions	
90	Unit 2	Unit 1 & Unit 2 test	
93	Internal assessment	Introduce IA	
94	Internal assessment	Criteria A & B start	
95	Internal assessment	Criteria A & B start	
96	(lost lessons)	Group 4, TOK, Higher Ed days etc	
97	(lost lessons)	Group 4, TOK, Higher Ed days etc	
Summer holiday			
2	Internal assessment	Review requirements of the Internal Assessment	
3	Internal assessment	IA proposals - Individually discuss with teacher for approval	
6	Internal assessment	Crit A - Client and scenario	
7	Internal assessment	Crit A - Rationale including tech stack; Success criteria	
8	Reserved	Lesson reserved for Unit 4 / Unit 5 test	
9	Internal assessment	Crit B - Screen mockups (paper & pencil) - review with client	
10	Internal assessment	Crit B - Screen mockups (Adobe XD)	
13	Internal assessment	Crit B - Pseudo code; other diagrams	
14	Internal assessment	Self managed - Program development	
15	Internal assessment	Self managed - Program development	

16	Internal assessment	Self managed - Program development
17	Internal assessment	Self managed - Program development
20	Internal assessment	Self managed - Program development
21	Internal assessment	Self managed - Program development
22	Internal assessment	Self managed - Program development
23	Internal assessment	Self managed - Program development
25	Internal assessment	Self managed - Program development
26	Internal assessment	Self managed - Program development
27	Internal assessment	Self managed - Program development
28	Internal assessment	Crit C - Identify algorithms, data structures, libraries & tools used. Liaise with teacher to shortlist most suitable for inclusion.
29	Internal assessment	Crit C - Document
31	Internal assessment	Crit C - Document
32	Internal assessment	Crit C - Document
33	Internal assessment	Crit C - Document
34	Internal assessment	Crit C - Document
35	Internal assessment	Crit D - Video
38	Internal assessment	Crit D - Video
39	Internal assessment	Crit E - Evaluation & recommentations
		Term holiday
40	(exams)	Mock exams for paper 1, paper 2 and (HL only) paper 3
41	(exams)	
42	(exams)	
45	(exams)	
46	(exams)	
47	(exams)	
48	Review	Exam post-mortum paper 1
49	Review	Exam post-mortum paper 2
52	Unit 3	Networks; OSI model
53	Unit 3	Types of networks; Network standards
54	Unit 3	Network protocols; VPNs
55	Unit 3	Compression; transmission factors
56	Unit 3	Wireless networks
59	Unit 3	Review & quiz
60	Unit 3	(buffer)
61	Review	Paper 1 focus
62	Review	Paper 1 focus
63	Review	Paper 1 focus
66	Review	Paper 1 focus
67	Review	Paper 2 focus
68	Review	Paper 2 focus
69	Review	Paper 2 focus

Lesson name    Name   N			
1 Resource mgt 1 Resource mgt 1 Resource mgt 1 Virtual memory 2 Resource mgt 1 Resource mgt 2 Resource mgt 3 Resource mgt 3 Review 2 Resource mgt 3 Review 3 Virtual memory 3 Resource mgt 4 Review 2 Resource mgt 5 Resource mgt 6 Resource mgt 7 Review 2 Virtual memory 3 Resource mgt 8 Review 2 Virtual memory 3 Review 3 Virtual memory 4 Review 4 Review 2 Virtual memory 4 Resource mgt 6 Resource mgt 7 Review 8 Review 1 Test 1 Unit 7 Control sys 1 Vinit 7 Virtual memory 1 Virtual me			Lesson name
2 Resource mgt Virtual memory Unit 6 4 Resource mgt Interrupts & polling Unit 6 5 Resource mgt Review Hout 6 6 Resource mgt Review Unit 6 6 Resource mgt Review Unit 7 10 Unit 7 10 Unit 7 11 Unit 7 12 Unit 7 13 Unit 7 14 Unit 7 15 Control ays 15 Unit 7 16 Control ays 16 Unit 7 17 Control ays 17 Unit 7 18 Unit 7 19 Unit 7 10 Unit 7 10 Unit 7 11 Unit 7 11 Unit 7 12 Unit 7 13 Unit 7 14 Unit 7 15 Control ays 18 Unit 7 19 Unit 7 10 Unit 7 10 Unit 7 10 Unit 7 11 Unit 7 12 Unit 7 13 Unit 7 14 Unit 7 15 Unit 7 16 Unit 7 16 Unit 7 17 Control ays 18 Unit 7 19 Unit 7 10 Unit 7 10 Unit 7 10 Unit 7 10 Unit 7 11 Unit 7 11 Unit 7 11 Unit 7 12 Unit 7 13 Unit 7 14 Unit 7 15 Unit 7 16 Unit 7 17 Unit 7 18 Unit 7 19 Unit 7 10 U	1		Role of OS
New York	2		OS management techniques
4 Resource mgt Interrupts & polling Unit 6 5 Resource mgt Resource mgt Resource mgt Resource mgt Review Resource mgt Review Resource mgt Review Review Resource mgt Review Review Resource mgt Test  8 Unit 7 Centrol sys Introduce control systems; open & closed loops;  9 Unit 7 Centrol sys Introduce control systems; open & closed loops;  10 Unit 7 Centrol sys Microprocessors; sensors; I/o theory  11 Unit 7 Centrol sys Respberry Pi practical: Microprocessors; sensors; I/o  12 Unit 7 Centrol sys Respberry Pi practical: Microprocessors; sensors; I/o  13 Unit 7 Centrol sys Respberry Pi practical: Create an open or closed loop system.  14 Unit 5 (704 ADS 20 arrays: Concept, diagrams  15 Unit 5 (704 ADS 20 arrays: Pseudo/diagram questions  16 Unit 5 (704 ADS 20 arrays: Java  Term holiday  17 Unit 5 (704 ADS 20 arrays: Java  18 Unit 5 (704 ADS 20 arrays: Java  19 Unit 5 (704 ADS Recursion Recursion)  19 Unit 5 (704 ADS Recursion Recursion)  20 Unit 5 (704 ADS Linked lists: Concept, operations  21 Unit 5 (704 ADS Linked lists: Singrams; p1 questions  22 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  23 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  24 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  25 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  26 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  27 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  28 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  29 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  20 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  21 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  22 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  23 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  24 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  25 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  26 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  27 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  28 Unit 5 (704 ADS Binary trees: Diagrams; p1 questions  30 Unit 5 (704 ADS Pa	3		Virtual memory
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6 Resource mgt Review Unit 5 Resource mgt Test  8 Unit 7 Control sys Introduce control systems; open & closed loops;  9 Unit 7 Control sys Microprocessors; sensors; i/o theory  10 Unit 7 Control sys Centralised & distributed systems; autononmous systems; ethics  11 Unit 7 Control sys Raspberry Pi practical: Microprocessors; sensors; i/o  12 Unit 7 Control sys Raspberry Pi practical: Microprocessors; sensors; i/o  13 Unit 7 Control sys Test  14 Unit 5/D4 ADS 2D arrays: Concept, diagrams  15 Unit 5/D4 ADS 2D arrays: Java  16 Unit 5/D4 ADS 2D arrays: Java  17 Unit 5/D4 ADS 2D arrays: Java  18 Unit 5/D4 ADS 2D arrays: Java  19 Unit 5/D4 ADS Recursion  19 Unit 5/D4 ADS Recursion  19 Unit 5/D4 ADS Linked lists: Concept; operations  20 Unit 5/D4 ADS Linked lists: Diagrams; p1 questions  21 Unit 5/D4 ADS Stacks & queues: Concept, operations, diagrams  22 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  23 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  24 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  25 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  26 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  27 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  28 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  29 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  20 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  21 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  22 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  29 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes)  20 Unit 5/D4 ADS Paper 2 Exam; or end of unit test if no exams  30 Unit 5/D4 ADS Paper 2 Exam; or end of unit test if no exams  31 Unit 5/D4 ADS Paper 2 Exam; or end of unit test if no exams  32 Unit 5/D4 ADS Paper 2 Exam; or end of unit test if no exams  33 Unit 5/D4 ADS Paper 2 Exam; or end of unit test if no exams  34 (exams) Group 4, TOK, Higher Ed days etc	5		Raspberry Pi practical: Setup the OS; connect wifi; create accounts; firewall; cha
Test	6		Review
9 Unit 7 Control sys 10 Unit 7 Control sys 11 Unit 7 Control sys 12 Unit 7 Control sys 13 Unit 7 Control sys 14 Unit 7 Control sys 15 Unit 7 Control sys 16 Unit 7 Control sys 17 Unit 7 Control sys 18 Unit 7 Control sys 19 Test 19 Unit 7 Control sys 10 Unit 7 Control sys 10 Unit 7 Control sys 10 Unit 7 Control sys 11 Unit 5/D4 ADS 12 Darrays: Concept, diagrams 15 Unit 5/D4 ADS 16 Unit 5/D4 ADS 17 Unit 5/D4 ADS 18 Unit 5/D4 ADS 19 Unit 5/D4 ADS 19 Unit 5/D4 ADS 20 arrays: Java 19 Unit 5/D4 ADS 20 unit 5/D4 ADS 21 unit 5/D4 ADS 22 unit 5/D4 ADS 23 unit 5/D4 ADS 24 unit 5/D4 ADS 25 unit 5/D4 ADS 26 unit 5/D4 ADS 27 unit 5/D4 ADS 28 unit 5/D4 ADS 29 unit 5/D4 ADS 20 unit 5/D4 ADS 20 unit 5/D4 ADS 21 unit 5/D4 ADS 22 unit 5/D4 ADS 23 unit 5/D4 ADS 24 unit 5/D4 ADS 25 unit 5/D4 ADS 26 unit 5/D4 ADS 27 unit 5/D4 ADS 28 unit 5/D4 ADS 29 unit 5/D4 ADS 20 unit 5/D4 ADS 21 unit 5/D4 ADS 22 unit 5/D4 ADS 23 unit 5/D4 ADS 24 unit 5/D4 ADS 25 unit 5/D4 ADS 26 unit 5/D4 ADS 27 unit 5/D4 ADS 28 unit 5/D4 ADS 29 unit 5/D4 ADS 20 unit 5/D4 ADS 20 unit 5/D4 ADS 21 unit 5/D4 ADS 22 unit 5/D4 ADS 23 unit 5/D4 ADS 24 unit 5/D4 ADS 25 unit 5/D4 ADS 26 unit 5/D4 ADS 27 unit 5/D4 ADS 28 unit 5/D4 ADS 29 unit 5/D4 ADS 20 unit 5/D4 ADS 20 unit 5/D4 ADS 21 unit 5/D4 ADS 22 unit 5/D4 ADS 23 unit 5/D4 ADS 24 unit 5/D4 ADS 25 unit 5/D4 ADS 26 unit 5/D4 ADS 27 unit 5/D4 ADS 28 unit 5/D4 ADS 29 unit 5/D4 ADS 20 unit 5/D4 ADS 20 unit 5/D4 ADS 21 unit 5/D4 ADS 22 unit 5/D4 ADS 23 unit 5/D4 ADS 24 unit 5/D4 ADS 25 unit 5/D4 ADS 26 unit 5/D4 ADS 27 unit 5/D4 ADS 28 unit 5/D4 ADS 29 unit 5/D4 ADS 20 unit 5/D4 ADS 20 unit 5/D4 ADS 20 unit 5/D4 ADS 20	7		Test
10 Unit 7 Control sys Centralised & distributed systems; autononmous systems; ethics 11 Unit 7 Control sys Raspberry Pi practical: Microprocessors; sensors; I/o 12 Unit 7 Control sys Raspberry Pi practical: Create an open or closed loop system. 13 Unit 7 Control sys Test 14 Unit 5/D4 ADS 2D arrays: Concept, diagrams 15 Unit 5/D4 ADS 2D arrays: Pseudo/diagram questions 16 Unit 5/D4 ADS 2D arrays: Java  Term holiday 17 Unit 5/D4 ADS 2D arrays: Java  18 Unit 5/D4 ADS Recursion 19 Unit 5/D4 ADS Recursion 19 Unit 5/D4 ADS Recursion 20 Unit 5/D4 ADS Linked lists: Concept, operations 21 Unit 5/D4 ADS Linked lists: Concept, operations, diagrams 22 Unit 5/D4 ADS Binary trees: Oncept, operations, diagrams 23 Unit 5/D4 ADS Binary trees: Concept, operations 24 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions 25 Unit 5/D4 ADS Linked lists: Java implementation & exercises  Term holiday 28 Unit 5/D4 ADS Linked lists: Java implementation & exercises  19 Unit 5/D4 ADS Linked lists: Java implementation & exercises  10 Unit 5/D4 ADS Linked lists: Java implementation & exercises  10 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes) 29 Unit 5/D4 ADS Linked lists: Java implementation & exercises  10 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes) 29 Unit 5/D4 ADS Linked lists: Java implementation & exercises  10 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes) 20 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes) 21 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes) 20 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes) 21 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes) 22 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes) 23 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes) 24 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes) 25 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes) 26 Unit 5/D4 ADS Paper 1 style data	8	Unit 7 Control sys	Introduce control systems; open & closed loops;
11 Unit 7 Control sys Raspberry PI practical: Microprocessors; sensors; I/o  12 Unit 7 Control sys Raspberry PI practical: Create an open or closed loop system.  13 Unit 7 Control sys Test  14 Unit 5/D4 ADS 2D arrays: Concept, diagrams  15 Unit 5/D4 ADS 2D arrays: Pseudo/diagram questions  16 Unit 5/D4 ADS 2D arrays: Java  Term holiday  17 Unit 5/D4 ADS 2D arrays: Java  18 Unit 5/D4 ADS 2D arrays: Java  19 Unit 5/D4 ADS Recursion  19 Unit 5/D4 ADS Recursion  20 Unit 5/D4 ADS Recursion  21 Unit 5/D4 ADS Linked lists: Concept; operations  22 Unit 5/D4 ADS Linked lists: Concept; operations, diagrams  23 Unit 5/D4 ADS Binary trees: Concept, operations, pre/in/post order  25 Unit 5/D4 ADS Binary trees: Concept; operations (20 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  26 Unit 5/D4 ADS Linked lists: Java implementation & exercises  Term holiday  27 Unit 5/D4 ADS Linked lists: Java implementation & exercises  18 Unit 5/D4 ADS Linked lists: Java implementation & exercises  Term holiday  28 Unit 5/D4 ADS Binary trees: Java  30 Unit 5/D4 ADS Binary trees: Java  31 Unit 5/D4 ADS Past paper questions  32 Unit 5/D4 ADS Past paper questions  33 Unit 5/D4 ADS Past paper questions  34 (exams) Group 4, TOK, Higher Ed days etc  (exams)  36 (exams)  37 (lost)	9	Unit 7 Control sys	Microprocessors; sensors; i/o theory
12 Unit 7 Control sys  Test  13 Unit 7 Control sys  Test  14 Unit 5/D4 ADS  25 20 arrays: Concept, diagrams  15 Unit 5/D4 ADS  20 arrays: Pseudo/diagram questions  16 Unit 5/D4 ADS  20 arrays: Java  Term holiday  17 Unit 5/D4 ADS  20 arrays: Java  18 Unit 5/D4 ADS  20 arrays: Java  19 Unit 5/D4 ADS  20 arrays: Java  19 Unit 5/D4 ADS  20 arrays: Java  10 Unit 5/D4 ADS  20 arrays: Java  11 Unit 5/D4 ADS  20 arrays: Java  12 Unit 5/D4 ADS  21 Unit 5/D4 ADS  22 arrays & recursion  22 Unit 5/D4 ADS  23 Linked lists: Diagrams; p1 questions  24 Unit 5/D4 ADS  25 Unit 5/D4 ADS  26 Unit 5/D4 ADS  27 Unit 5/D4 ADS  28 Linked lists: Java implementation & exercises  Term holiday  28 Unit 5/D4 ADS  29 Linked lists: Java implementation & exercises  19 Unit 5/D4 ADS  20 Linked lists: Java implementation & exercises  10 Unit 5/D4 ADS  11 Unit 5/D4 ADS  12 Linked lists: Java implementation & exercises  13 Unit 5/D4 ADS  14 Unit 5/D4 ADS  15 Linked lists: Java implementation & exercises  29 Unit 5/D4 ADS  29 Linked lists: Java implementation & exercises  29 Unit 5/D4 ADS  20 Unit 5/D4 ADS  21 Unit 5/D4 ADS  22 Linked lists: Java implementation & exercises  29 Unit 5/D4 ADS  20 Linked lists: Java implementation & exercises  29 Unit 5/D4 ADS  20 Linked lists: Java implementation & exercises  29 Unit 5/D4 ADS  20 Linked lists: Java implementation & exercises  29 Unit 5/D4 ADS  20 Linked lists: Java implementation & exercises  29 Unit 5/D4 ADS  20 Linked lists: Java implementation & exercises  29 Unit 5/D4 ADS  20 Linked lists: Java implementation & exercises  30 Unit 5/D4 ADS  31 Unit 5/D4 ADS  32 Linked lists: Java implementation & exercises  33 Unit 5/D4 ADS  34 (exams)  35 Group 4, TOK, Higher Ed days etc  36 (exams)  37 (lost)  38 (lost)	10	Unit 7 Control sys	Centralised & distributed systems; autononmous systems; ethics
13 Unit 7 Control sys  14 Unit 5/D4 ADS  25 2 D arrays: Concept, diagrams  15 Unit 5/D4 ADS  20 arrays: Pseudo/diagram questions  16 Unit 5/D4 ADS  20 arrays: Java  Term holiday  17 Unit 5/D4 ADS  20 arrays: Java  Term holiday  18 Unit 5/D4 ADS  20 arrays: Java  19 Unit 5/D4 ADS  Recursion  20 Unit 5/D4 ADS  Recursion: 20 Unit 5/D4 ADS  21 Unit 5/D4 ADS  22 arrays & recursion mini quiz (last 20 minutes)  21 Unit 5/D4 ADS  22 Unit 5/D4 ADS  23 Unit 5/D4 ADS  24 Unit 5/D4 ADS  25 Inked lists: Diagrams; p1 questions  26 Unit 5/D4 ADS  27 Unit 5/D4 ADS  28 Binary trees: Diagrams; p1 questions  29 Unit 5/D4 ADS  20 Unit 5/D4 ADS  21 Unit 5/D4 ADS  22 Unit 5/D4 ADS  23 Unit 5/D4 ADS  24 Unit 5/D4 ADS  25 Unit 5/D4 ADS  26 Unit 5/D4 ADS  27 Unit 5/D4 ADS  28 Unit 5/D4 ADS  29 Unit 5/D4 ADS  20 Unit 5/D4 ADS  21 Unit 5/D4 ADS  22 Unit 5/D4 ADS  23 Unit 5/D4 ADS  24 Unit 5/D4 ADS  25 Unit 5/D4 ADS  26 Unit 5/D4 ADS  27 Unit 5/D4 ADS  28 Unit 5/D4 ADS  29 Unit 5/D4 ADS  20 Unit 5/D4 ADS  21 Unit 5/D4 ADS  22 Unit 5/D4 ADS  23 Unit 5/D4 ADS  24 Unit 5/D4 ADS  25 Unit 5/D4 ADS  26 Unit 5/D4 ADS  27 Unit 5/D4 ADS  28 Unit 5/D4 ADS  29 Unit 5/D4 ADS  20 Unit 5/D4 ADS  21 Unit 5/D4 ADS  22 Unit 5/D4 ADS  23 Unit 5/D4 ADS  24 Unit 5/D4 ADS  25 Past paper questions  26 Unit 5/D4 ADS  27 Unit 5/D4 ADS  28 Unit 5/D4 ADS  29 Past paper questions  30 Unit 5/D4 ADS  31 Unit 5/D4 ADS  32 Past paper questions  33 Unit 5/D4 ADS  34 (exams)  35 Group 4, TOK, Higher Ed days etc  36 (exams)  37 (lost)  38 (lost)	11	Unit 7 Control sys	Raspberry Pi practical: Microprocessors; sensors; i/o
14 Unit 5/D4 ADS 2D arrays: Pseudo/diagram questions 15 Unit 5/D4 ADS 2D arrays: Java  Term holiday  17 Unit 5/D4 ADS 2D arrays: Java  18 Unit 5/D4 ADS 2D arrays: Java  19 Unit 5/D4 ADS Recursion 19 Unit 5/D4 ADS Recursion 20 Unit 5/D4 ADS 2D arrays Recursion 21 Unit 5/D4 ADS Recursion 22 Unit 5/D4 ADS Linked lists: Concept; operations 23 Unit 5/D4 ADS Linked lists: Diagrams; p1 questions 24 Unit 5/D4 ADS Stacks & queues: Concept; operations, diagrams 25 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions 26 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions 27 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions 28 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions 29 Unit 5/D4 ADS Linked lists: Java implementation & exercises  Term holiday 28 Unit 5/D4 ADS Linked lists: Java implementation & exercises  19 Unit 5/D4 ADS Binary trees: Java 30 Unit 5/D4 ADS Binary trees: Java 31 Unit 5/D4 ADS Binary trees: Java 32 Unit 5/D4 ADS Past paper questions 33 Unit 5/D4 ADS Past paper questions 34 (exams) Group 4, TOK, Higher Ed days etc 35 (exams) Group 4, TOK, Higher Ed days etc 36 (exams) 37 (lost) 38 (lost)	12	Unit 7 Control sys	Raspberry Pi practical: Create an open or closed loop system.
15 Unit 5/D4 ADS 2D arrays: Pseudo/diagram questions  Term holiday  17 Unit 5/D4 ADS 2D arrays: Java  18 Unit 5/D4 ADS Recursion  19 Unit 5/D4 ADS Recursion  19 Unit 5/D4 ADS Recursion  20 Unit 5/D4 ADS Linked lists: Concept; operations  21 Unit 5/D4 ADS Linked lists: Diagrams; p1 questions  22 Unit 5/D4 ADS Linked lists: Diagrams; p1 questions  23 Unit 5/D4 ADS Binary trees: Concept, operations, diagrams  24 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  25 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  26 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes)  27 Unit 5/D4 ADS Linked lists: Java implementation & exercises  Term holiday  28 Unit 5/D4 ADS Linked lists: Java implementation & exercises  19 Unit 5/D4 ADS Binary trees: Diagrams; p3 questions  29 Unit 5/D4 ADS Linked lists: Java implementation & exercises  10 Unit 5/D4 ADS Past paper questions  30 Unit 5/D4 ADS Past paper questions  31 Unit 5/D4 ADS Past paper questions  32 Unit 5/D4 ADS Past paper questions  33 Unit 5/D4 ADS Past paper questions  34 (exams) Group 4, TOK, Higher Ed days etc  35 (exams) Group 4, TOK, Higher Ed days etc  36 (exams)  37 (lost)  38 (lost)	13	Unit 7 Control sys	Test
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Term holiday  17 Unit 5/D4 ADS 2D arrays: Java  18 Unit 5/D4 ADS Recursion  19 Unit 5/D4 ADS Recursion  20 Unit 5/D4 ADS Recursion  21 Unit 5/D4 ADS Linked lists: Concept; operations  22 Unit 5/D4 ADS Linked lists: Diagrams; p1 questions  23 Unit 5/D4 ADS Stacks & queues: Concept, operations; diagrams  24 Unit 5/D4 ADS Binary trees: Concept; operations; pre/in/post order  25 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  26 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  27 Unit 5/D4 ADS Linked lists: Java implementation & exercises  Term holiday  28 Unit 5/D4 ADS Linked lists: Java implementation & exercises  19 Unit 5/D4 ADS Linked lists: Java implementation & exercises  29 Unit 5/D4 ADS Stacks & queues: Java  30 Unit 5/D4 ADS Binary trees: Java  31 Unit 5/D4 ADS Past paper questions  32 Unit 5/D4 ADS Past paper questions  33 Unit 5/D4 ADS Past paper questions  34 (exams) Group 4, TOK, Higher Ed days etc  35 (exams)  36 (exams)  37 (lost)  38 (lost)	15	Unit 5/D4 ADS	2D arrays: Pseudo/diagram questions
17 Unit 5/D4 ADS 2D arrays: Java  18 Unit 5/D4 ADS Recursion  19 Unit 5/D4 ADS Recursion  Recursion	16	Unit 5/D4 ADS	2D arrays: Java
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Unit 5/D4 ADS Linked lists: Diagrams; p1 questions  1 Unit 5/D4 ADS Linked lists: Diagrams; p1 questions  2 Unit 5/D4 ADS Linked lists: Diagrams; p1 questions  2 Unit 5/D4 ADS Stacks & queues: Concept, operations, diagrams  4 Unit 5/D4 ADS Binary trees: Concept, operations; pre/in/post order  5 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  4 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes)  4 Unit 5/D4 ADS Linked lists: Java implementation & exercises  5 Unit 5/D4 ADS Linked lists: Java implementation & exercises  1 Unit 5/D4 ADS Stacks & queues: Java  2 Unit 5/D4 ADS Binary trees: Java  3 Unit 5/D4 ADS Past paper questions  3 Unit 5/D4 ADS Past paper questions  4 Unit 5/D4 ADS Past paper questions  4 Unit 5/D4 ADS Paper 2 Exam; or end of unit test if no exams  4 (exams) Group 4, TOK, Higher Ed days etc  5 (exams) Group 4, TOK, Higher Ed days etc	18	Unit 5/D4 ADS	Recursion
20 Unit 5/D4 ADS 21 Unit 5/D4 ADS Linked lists: Concept; operations 22 Unit 5/D4 ADS Linked lists: Diagrams; p1 questions 23 Unit 5/D4 ADS Stacks & queues: Concept, operations, diagrams 24 Unit 5/D4 ADS Binary trees: Concept; operations; pre/in/post order 25 Unit 5/D4 ADS Binary trees: Diagrams; p1 questions 26 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes) 27 Unit 5/D4 ADS Linked lists: Java implementation & exercises  Term holiday 28 Unit 5/D4 ADS Linked lists: Java implementation & exercises 29 Unit 5/D4 ADS Stacks & queues: Java 30 Unit 5/D4 ADS Binary trees: Java 31 Unit 5/D4 ADS Past paper questions 32 Unit 5/D4 ADS Past paper questions 33 Unit 5/D4 ADS Paper 2 Exam; or end of unit test if no exams 34 (exams) Group 4, TOK, Higher Ed days etc 36 (exams) Group 4, TOK, Higher Ed days etc	19	Unit 5/D4 ADS	Recursion
Unit 5/D4 ADS Linked lists: Diagrams; p1 questions  Stacks & queues: Concept, operations, diagrams  Unit 5/D4 ADS Binary trees: Concept; operations; pre/in/post order  Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  Linked lists: Diagrams; p1 questions  Linked lists: Diagrams; p1 questions  Linked lists: Java implementation & exercises  Term holiday  Linked lists: Java implementation & exercises  Linked lists: Java implementation & exercise	20	Unit 5/D4 ADS	·
Unit 5/D4 ADS  Stacks & queues: Concept, operations, diagrams  24 Unit 5/D4 ADS  Binary trees: Concept; operations; pre/in/post order  25 Unit 5/D4 ADS  Binary trees: Diagrams; p1 questions  26 Unit 5/D4 ADS  Paper 1 style data structure concepts quiz (20 minutes)  27 Unit 5/D4 ADS  Linked lists: Java implementation & exercises  Term holiday  28 Unit 5/D4 ADS  Linked lists: Java implementation & exercises  29 Unit 5/D4 ADS  Stacks & queues: Java  30 Unit 5/D4 ADS  Binary trees: Java  31 Unit 5/D4 ADS  Past paper questions  32 Unit 5/D4 ADS  Past paper questions  33 Unit 5/D4 ADS  Paper 2 Exam; or end of unit test if no exams  34 (exams)  Group 4, TOK, Higher Ed days etc  35 (exams)  Group 4, TOK, Higher Ed days etc  36 (exams)  37 (lost)  38 (lost)	21	Unit 5/D4 ADS	Linked lists: Concept; operations
Unit 5/D4 ADS Binary trees: Concept; operations; pre/in/post order  Unit 5/D4 ADS Binary trees: Diagrams; p1 questions  Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes)  Term holiday  Unit 5/D4 ADS Linked lists: Java implementation & exercises  Term holiday  Unit 5/D4 ADS Linked lists: Java implementation & exercises  Unit 5/D4 ADS Stacks & queues: Java  Unit 5/D4 ADS Binary trees: Java  Unit 5/D4 ADS Past paper questions  Unit 5/D4 ADS Past paper questions  Unit 5/D4 ADS Paper 2 Exam; or end of unit test if no exams  (exams) Group 4, TOK, Higher Ed days etc  (exams) Group 4, TOK, Higher Ed days etc  (iost)  (lost)	22	Unit 5/D4 ADS	Linked lists: Diagrams; p1 questions
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26 Unit 5/D4 ADS Paper 1 style data structure concepts quiz (20 minutes)  27 Unit 5/D4 ADS Linked lists: Java implementation & exercises  Term holiday  28 Unit 5/D4 ADS Linked lists: Java implementation & exercises  29 Unit 5/D4 ADS Stacks & queues: Java  30 Unit 5/D4 ADS Binary trees: Java  31 Unit 5/D4 ADS Past paper questions  32 Unit 5/D4 ADS Past paper questions  33 Unit 5/D4 ADS Paper 2 Exam; or end of unit test if no exams  34 (exams) Group 4, TOK, Higher Ed days etc  35 (exams) Group 4, TOK, Higher Ed days etc  36 (exams)  37 (lost)  38 (lost)	24	Unit 5/D4 ADS	Binary trees: Concept; operations; pre/in/post order
Term holiday  Unit 5/D4 ADS  Linked lists: Java implementation & exercises  Term holiday  Unit 5/D4 ADS  Linked lists: Java implementation & exercises  Unit 5/D4 ADS  Stacks & queues: Java  Unit 5/D4 ADS  Binary trees: Java  Unit 5/D4 ADS  Past paper questions  Unit 5/D4 ADS  Past paper questions  Unit 5/D4 ADS  Paper 2 Exam; or end of unit test if no exams  Unit 5/D4 ADS  Group 4, TOK, Higher Ed days etc  Group 4, TOK, Higher Ed days etc  (exams)  Group 4, TOK, Higher Ed days etc  (lost)  (lost)	25	Unit 5/D4 ADS	Binary trees: Diagrams; p1 questions
Term holiday  28 Unit 5/D4 ADS Linked lists: Java implementation & exercises  29 Unit 5/D4 ADS Stacks & queues: Java  30 Unit 5/D4 ADS Binary trees: Java  31 Unit 5/D4 ADS Past paper questions  32 Unit 5/D4 ADS Past paper questions  33 Unit 5/D4 ADS Paper 2 Exam; or end of unit test if no exams  34 (exams) Group 4, TOK, Higher Ed days etc  35 (exams) Group 4, TOK, Higher Ed days etc  36 (exams)  37 (lost)  38 (lost)	26	Unit 5/D4 ADS	Paper 1 style data structure concepts quiz (20 minutes)
Unit 5/D4 ADS  Linked lists: Java implementation & exercises  19 Unit 5/D4 ADS  Stacks & queues: Java  30 Unit 5/D4 ADS  Binary trees: Java  31 Unit 5/D4 ADS  Past paper questions  32 Unit 5/D4 ADS  Past paper questions  33 Unit 5/D4 ADS  Paper 2 Exam; or end of unit test if no exams  34 (exams)  Group 4, TOK, Higher Ed days etc  35 (exams)  Group 4, TOK, Higher Ed days etc  36 (exams)  37 (lost)  38 (lost)	27	Unit 5/D4 ADS	Linked lists: Java implementation & exercises
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30 Unit 5/D4 ADS Binary trees: Java  31 Unit 5/D4 ADS Past paper questions  32 Unit 5/D4 ADS Past paper questions  33 Unit 5/D4 ADS Paper 2 Exam; or end of unit test if no exams  34 (exams) Group 4, TOK, Higher Ed days etc  35 (exams) Group 4, TOK, Higher Ed days etc  36 (exams)  37 (lost)  38 (lost)	28	Unit 5/D4 ADS	Linked lists: Java implementation & exercises
31 Unit 5/D4 ADS Past paper questions  32 Unit 5/D4 ADS Past paper questions  33 Unit 5/D4 ADS Paper 2 Exam; or end of unit test if no exams  34 (exams) Group 4, TOK, Higher Ed days etc  35 (exams) Group 4, TOK, Higher Ed days etc  36 (exams)  37 (lost)  38 (lost)	29	Unit 5/D4 ADS	Stacks & queues: Java
32 Unit 5/D4 ADS Past paper questions  33 Unit 5/D4 ADS Paper 2 Exam; or end of unit test if no exams  34 (exams) Group 4, TOK, Higher Ed days etc  35 (exams) Group 4, TOK, Higher Ed days etc  36 (exams)  37 (lost)  38 (lost)	30	Unit 5/D4 ADS	Binary trees: Java
33 Unit 5/D4 ADS Paper 2 Exam; or end of unit test if no exams  34 (exams) Group 4, TOK, Higher Ed days etc  35 (exams) Group 4, TOK, Higher Ed days etc  36 (exams) 37 (lost) 38 (lost)	31	Unit 5/D4 ADS	Past paper questions
34 (exams) Group 4, TOK, Higher Ed days etc  35 (exams) Group 4, TOK, Higher Ed days etc  36 (exams)  37 (lost)  38 (lost)	32	Unit 5/D4 ADS	Past paper questions
35 (exams) Group 4, TOK, Higher Ed days etc  36 (exams)  37 (lost)  38 (lost)	33	Unit 5/D4 ADS	Paper 2 Exam; or end of unit test if no exams
36 (exams) 37 (lost) 38 (lost)	34	(exams)	Group 4, TOK, Higher Ed days etc
37 (lost) 38 (lost)	35	(exams)	Group 4, TOK, Higher Ed days etc
38 (lost)	36	(exams)	
	37	(lost)	
Summer holiday	38	(lost)	
			Summer holiday

1	Case study	Read and dissect together. Big picture understanding.
2	Case study	Definitions of vocab list
3	Case study	Definitions of vocab list
4	Case study	Identify unanswered questions about the scenario or technical matters
5	Case study	Question 1-3 brainstorm
6	Case study	Question 1-3 practice responses
7	Case study	Question 1-3 practice responses
8	Case study	Swap and peer feedback your practice responses
9	Case study	Class discussion of issues arising from question 1-3 practice
10	Case study	Question 4 Research into the challenges
11	Case study	Question 4 Research into the challenges
12	Case study	Question 4 Research into the challenges
13	Case study	Question 4 practice essay 1
14	Case study	Question 4 practice essay 2
15	Case study	Swap and peer feedback your practice essays
16	Case study	Class discussion of issues arising from question 4 practice
		Term holiday
17	(exams)	Mock exams for paper 1, 2 and 3
18	(exams)	
19	(exams)	
20	Review	Post-mortem HL parts of paper 1 & 2
21	Review	Post-mortem paper 3
22	Review	Review unit 6
23	Review	Review unit 7
24	Review	Review unit 5 & D4
25	Review	Review unit 5 & D4
26	Review	Review case study
27	Review	Review case study