				JAB	stem Nat	5 Physics	Unit 1: D	ynamics				
LO	2014	2015	2016	2017	2018	2019	2020	2022	2023	2024	2025	2026
	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP
1 2	mc14	mc14	mc14 L9b(ii)	mc14 L8a	mc1 mc2	mc1	mc1 L1a(ii)	mc1	mc1 L1b(ii)			
3 4 5	mc15	L7a(i) L7a(ii)	L9a(i) L9a(ii)		L1a(i)A L1a(i)B	L1a(i) L1a(ii)	L1c	L1a(i) L1a(ii)	L1a(i) L1a(ii)			
6	L10b(ii) L11c	, ,	L9b(i)	L8c	L2a(ii)	mc4 L1b L1c	L1a(i)	mc2 L1b(i)+(ii) L5a(iii)	mc2 L1b(i)			
7								, ,				
8												
9	L10a(ii)	mc15		mc15 L11a	L2c							
10	L10b(i)		L10b	L8b(i)	L2b	L2b	L1b(ii)	mc3 L2a(iii) L2b(i)+(ii)	mc3			
11												
12					L2a(iii)	mc2						
13	L10a(i)	L8b	L10a	L8b(ii)		mc3 L2a(i)	L1b(i)					
14		mc15 L8a(i)+(ii)		mc16	L2a(i)		L2a(ii)					
15	L10a(iii) L11b						L2a(i)		L1c(iii) L2c(ii)			
16		mc17	mc17		mc3	L1d L2a(iii)A L2a(iii)B L8a		mc4 L3a(ii) L3b				
17	mc17 L12d	L7a(iii)	L12c(i) L12c(ii)	L9c	L1a(ii)	L12a(ii)	mc3 L2b	L3a(iii)	L2c(i)			
18	L11a L12a L12e		L12a	L9b				L3a(i)				
19	L12c	L7b		mc17 L9a								
20		mc18					mc2					
21							L2c					
22	mc16	mc16		L11c	mc4		L3c		mc4			
23												
24		L11a							L1c(i)			
25						LOcm						
26				mc1	L3a	L9c(i) L9c(ii)	L4d(i)		mc5			
27	mc4		mc16		L3b(i) L3b(ii)			mc5	L1c(ii)			
28		L9a L9c		L11b	L3c(i)				L2a			
29	mc19	L9b(i) L9b(ii)	mc18		L3c(ii)				L2b(i) L2b(ii) L2b(iii)			
30												

	T			JA	Bstem N	at5 Physic	cs Unit 2:	Space				
LO	<u>2014</u>		<u>2016</u>	<u>2017</u>		<u>2019</u>	<u>2020</u>	<u>2022</u>				2026
	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP
31			mc20 III									
32					mc5		L4a	mc7	mc7			
33						L4c(i) L4c(ii)	L5 3		L5a			
34					mc6		mc7		L3a			
35				mc18 I			L4b	mc8	L3c			
36							L4c					
37					L4b(i) L4b(ii)			L5 3	L4 ③			
38	mc18				mc7	L8a	L4d(ii)	mc9 L3a(i) L3a(ii) L3a(iii) L3b	mc8			
39					mc8	mc7	mc6	mc6 I mc10	L3b			
40		mc19	L13c L13d	L12a(ii)	mc9 L4a(i)	L4b(i) L4b(ii)	mc8	L5a(i) L5a(ii) L5b	L5c			
41			mc20 I									
42			mc20 II									
43												
44								L5c(i)				
45		mc20		mc20	mc10	L4a	mc9	L5c(ii)	L5b			

				JAB	stem Nat	5 Physics	Unit 3: El	ectricity				
LO	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	2019	2020	2022	<u>2023</u>	2024	2025	2026
	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP
46												
			L1a									
47		L2b(ii)	L1b	mc2	L6c	mc8	mc10	mc11	L13b(iii)			
			L1c									
48				L1b	mc11				mc10			
49							mc11					
50												
51			mc2		mc12				mc9			
52	mc1	mc2										
53		L2a	L2c				mc12	mc12				
54		L1b		mc3 L2a(i)	L6b(ii)	mc9 L6a(i)	L7b(i)		L6a			
55	L2a(ii)		L2d									
56												
57	mc3	mc1	L2a L2b				mc13	L6b				
58	mc2	L1a	mc1 L1b(i) L1b(ii)	L1a(i) L1a(ii)	L6b(i)	mc10		mc14 L7c(iii)				
59				mc4	mc13	mc11	L7a	L7c(i) L7c(ii)	mc13			
60				mc2		mc12			mc11			
61	L1b(ii)			L2b(ii)				L6c(ii)	L6b(ii)			
62	L1b(i)	mc3	mc4	L2b(i)	mc14	L6b(i) L6b(ii)	L8b(i)	L8c(i)	L6b(i)			
63												
64	L3a	L2b(i)	L3b(i) L3b(ii)	L7b(ii)	mc4 L8b	L7a	L3b(i) L3b(ii)	L11b L14b(i)	mc14			
65	L2a(i) L2b(i) L2b(ii)	L1c	mc3 L3c		L6a			mc13	mc12			
66	L1a	mc4 L2b(i)		L2a(ii)	mc15 L8b	L6a(ii)	L7b(ii) L8b(ii)	L6a L7b L8a	mc15			
67												
68							L7b(iii)	L7a				

				JABstem	Nat5 Phy	sics Unit 4	1: Proper	ties of Ma	tter			
LO	<u>2014</u>	<u>2015</u>	2016	2017	2018	2019	2020	2022	2023	2024	2025	2026
	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP
69	L3b(i)							mc15 I				
70	L3b(ii) L3c(i) L3c(ii)		L3a			L7b(i)	L8a L8c	L8b(i)	L8a(i) L8a(ii)			
71												
72				mc5	L8a(i) L8a(ii)			L8b(ii)	mc16			
73 74	mc20				mc16 L8c	mc13 L7b(ii)	mc14	mc15 II mc15 III	L8b			
75			mc19	mc19		L7b(ii)	mc15	mc16	mc17			
76									L9a(i)			
77	L12b	L5d	mc5	mc6	mc17	L8b	mc16	mc17	mc18			
78		mc5		L3b	L1b L9a(ii)	mc15 L8c(ii)	mc17 L9b(ii)	L9d	L9a(iii)			
79	mc7		L13b	mc7	mc18		mc18					
80a				L3c				L9a L9b				
80b			mc7		L9a(i) L9a(iii)							
80c	mc6											
81a			mc6	L3a	mc19	L8c(i)	L9a		mc19 L9a(ii)			
81b		mc6					L9b(i)					
81c						mc16						
81d	mc5								mc20			
82								L9c				

	1			JA	Bstem Na	t5 Physic	s Unit 5:	Waves	1			
LO	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	2022	<u>2023</u>	2024	2025	2026
	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP
83			mc8									
84a 85a		mc7	mc8 mc9 mc10	mc8 mc9 L4d		mc17	L11c(i)	mc19 L10a(i)	mc21			
84b 85b				mc8	L10b(i) L10b(ii)			mc19	L10b(ii)			
86a		L3a(ii)		mc10	L4a(ii) L10a		L1a(i) L4e	L5a(iii)	L10a			
86b	L4a		mc10	mc9	L11b		mc19 L3a	L10a(ii)	L10b(i)			
86c	L4a	L3c(ii)	L4c(i)	L4b	L10b(iii)	L9a	L11c(ii)	mc20 L10a(iii)	mc21 L11c(i)A			
86d	mc8	L3c(i)		L4a(i)		mc18	mc19					
87 88 89			mc8	L4c	mc20	mc19		L10b	mc22 L11b			
90	mc9	mc8	L4b		mc21	L10a L10b	mc21 check	mc21	L11a L11c(i)B			
91			L4a	L12b(i)	L11a	L10c(i)A L10c(i)B L10c(ii)						
92				L12a(i) L12b(ii)		L9b						
93								L11a(i)				
94	L4b	L5b L5c	mc11		L11c(ii)	L11a(i) L11b	mc20 mc21	L11a(ii) L11a(iii)	mc23			
95	L4b	L5a			L11c(i)A L11c(i)B	mc20 L11a(ii) L11a(iii)						

				JAB	stem Nat	5 Physics	Unit 6: Ra	diation				
LO	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	2019	<u>2020</u>	2022	<u>2023</u>	2024	2025	2026
	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP	Nat5 PP
96	mc10	L6a L6b(i) L6b(iii)	mc12		L12a	mc21 L12d	mc22 mc24	mc22	L13a			
97	L8b	mc9	mc13				mc23		L13b(i)			
98			L7c	L6b(iii)					L13b(ii)			
99				L7a					mc24			
100	mc12	mc12	L7a		L13c(ii)	mc22	L12b(ii)	mc23				
101					L13a(ii)		L12b(i)					
102												
103a	L8a(i)		L8a(i)		L12c(i)	L12c(i)	mc25		L11c(ii)A L11c(ii)B			
103b	L8a(ii)	mc11	L8a(ii)	mc13	L12c(ii)	L12c(ii)	L13c(i) L13c(ii)	L13c				
104				L6c	mc23	mc23			L9b			
105	mc11	mc10										
106												
107				L7c	?	mc24	L12a	mc24 L13a L13b(i)	L14b			
108	L6a	L6b(ii)			L12b							
109a	L6a(ii) L6a(iii)	L6c		L6b(ii)	L13b(i) L13b(ii)			L3b(i)	L14a(ii) L14a(iii) L14a(iv)			
109b			L8b	L6a	mc24	mc25	L13b	mc25				
110	L6b(i)			L7b(i)	L3a(i) L3c(i)	L12a L12b	L12b(iii)		L14a(i)			
111	mc13	mc13				L13 3		L14a L14b(i)				
112		mc13	L13a		mc25	L13 3	L13a(i) L13a(ii)	L14b(ii)	mc25			
113				L7a								
114												
115												