



Models for increasing mandatory hours of study of Technologies

The highly technological nature of society means students need to be well prepared to deal with rapidly changing technologies, and the impacts of these changes on individuals, society, and other important factors. To better prepare our young people the mandatory hours of study for Technologies subjects should be increased in both primary and high schools.

Increasing the mandatory hours of Technology education in the NSW primary curriculum to an even spread of 20% each of time for English, Mathematics and Science & Technology can be done with minimal disruption to the other KLAs and planned physical activity.

For high schools, this document demonstrates three (3) model allowing 400 hours of Technologies subjects to run in high schools.

All three examples meet the NSW Department of Education requirements for hours in each Key Learning Area. The mapping of this is shown on the following page.

Example 1 uses a 50 minute lesson length.

Example 2 uses a 60 minute lesson length.

Example 3 uses a 75 minute lesson length.

With only two 200 hour electives appearing on a student Record of School Achievement (RoSA) at the end of Year 10, these models allow for the increase in hours to Technologies from the existing 200 hours of Technology Mandatory, to 400 hours of Technology Mandatory in Stage 4 and the study of 200 hours of Technologies subjects.

This does not remove options from other KLAs, who can continue to offer their electives and have them appear on a student RoSA.

By implementing these changes, school will be better preparing young people for the world of work and further education.

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	Bostes Required Hours Years 7-10*	Department of Education Required Hours 7-10	Actual hours Y7	Actual hours Y8	Actual hours Y9	Actual hours Y10	Actual Total	Difference to Bostes requirements	Difference to DoE requirements
English	400	500	150	150	150	150	600	200	100
Maths	400	500	150	150	150	150	600	200	100
Science	400	500	150	150	150	150	600	200	100
History	200 (100 in S4 & S5)	200	50	50	50	50	200	0	0
Geography	200 (100 in S4 & S5)	200	50	50	50	50	200	0	0
PDHPE	300	300	100	100	100	100	400	100	100
Art	100	100	100	completed in Y8			100	0	0
Music	100	100	100	completed in either Y7 or Y8			100	0	0
Tech (Man)	200	200	200	completed in Y7			200	0	0
Languages	100	100	100	completed in either Y7 or Y8			100	0	0
Electives	400	400			300	300	600	200	200

* refer

ace.bostes.nsw.edu.au/ace-
4007

• Physical Activity requirement
7-10 = 150mins/week
(PD/2002/0012/V03)

		Years 7-8					Years 9-10					Years 11-12									
		Week A					Week B					Week A					Week B				
		Monday	Tuesday	Wednesday	Thursday	Friday	Monday	Tuesday	Wednesday	Thursday	Friday	Monday	Tuesday	Wednesday	Thursday	Friday	Monday	Tuesday	Wednesday	Thursday	Friday
Current Bell Times																					
Period 1	7:55																				
PCG	8:55																				
Period 2	9:05																				
Period 3	10:25																				
Recess	10:45																				
Period 4	12:03																				
Period 5	1:20																				
Lunch 1	1:40																				
Lunch 2	2:00																				
Period 5	3:20																				
Period 7																					
Finish																					
# of periods/ week to meet DoE req	hours by weeks																				
Subject																					
English	4 500/160																				
Maths	4 500/160																				
Science	4 500/160																				
History	1.5 100/80																				
Geography	1.5 100/80																				
PDHPE	2.25 300/160																				
Art	1.5 100/80																				
Music	3 100/40																				
Tech (Man)	3 200/80																				
Languages	3 100/40																				
Physical Acti	3																				
200hr Electiv	3 200/80																				

		Years 7-8					
		Week A			Week B		
		Monday	Tuesday	Wednesday	Thursday	Friday	
Current Bell Times							
Period 1	7:55						
PCG	8:55	8:50					
Period 2	9:05	9:00	English	English	English	Math	
Recess	10:25	10:00	Math	Science	Science	Science	
Period 3	10:45						
Period 4	12:03	11:30	History	Geography	History	Geography	
Lunch 1	1:20	12:30	Art	Music/Language	PDHPE	PDHPE	
Lunch 2	1:40	1:30					
Period 5	2:00	2:00	Tech Man (STE)	Tech Man (STE)	Tech Man (STE)	Early Finish Day	
	3:20	3:00					

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