

Topic One: A railway for Sydney's North West region

Lessons about planning for the future

Key Learning Area	Title	Main focus question
 Science and Technology	Sydney Metro Northwest: A complete unit of work	How do we travel by land, sea, air? How has transport changed (speed, safety, cost, number of people)? How does a railway work (tickets, timetables, tracks, networks)? Why does Sydney need Sydney Metro Northwest (where do people live, work, play)? What are other benefits of a railway (employment, shops, car parks, security)? Where will Sydney Metro Northwest go (route, stations, infrastructure, links to other public transport systems)? It is suggested that students participate in an excursion involving train travel as a part of this unit.
 Geography		The past in the present
 History	Creating a time capsule	How will the new railway change my local community?
 Geography		
 Science and Technology	My rail journey map	Why does public transport in the North West region of Sydney need upgrading? What are the main travel benefits?
 Mathematics		
 Science and Technology	Creating a railway timetable	How is rail travel enhanced by not needing to consult a timetable?

	Key syllabus reference or outcome	Most appropriate level	Suggested number of lessons	Page
	Science and Technology K-6: (ST1-IWS-S); (ACTDIP004); (ST1-2DP-T); Values and Attitudes	Stage 1	8-10	30
	Geography K-10: (GE1-1); (GE1-3)			
	History K-10: (HT1-2); (HT1-4) Geography K-10: (GE1-1); (GE1-2)	Stage 1	2	50
	History K-10: (HTe-1); (HTe-2); (HT1-2); (HT1-4); (HT1-3) Geography K-10: (GE-e1); (GE-e2); (GE1-1); (GE1-2); (GE1-3)	Early Stage 1 and Stage 1	2-3	58
	Science and Technology K-6: (ST3-2DP-T); (ST3-3DP-T); Values and Attitudes	Stage 3	1-2	66
	Mathematics K-10: (MA3-1WM); (MA3-13MG); (MA3-3WM)			
	Science and Technology K-6: (ST3-2DP-T); (ST3-3DP-T); Values and Attitudes	Stage 3	1-2	72