

Appendix A: Guiding questions for addressing specific aims

This file <http://www.iier.org.au/iier22/lim-appendix.pdf> contains Appendix A for the article: Lim, P. & Pyvis, D. (2012). How Singapore junior college science teachers address curriculum reforms: A theory. *Issues In Educational Research*, 22(2), 127-148. <http://www.iier.org.au/iier22/lim.html>

Specific aim	Guiding question no.	Question
1. To examine the intentions of the participants and the reasons behind these intentions with regards to the teaching of their science subjects under the '2006 revised junior college curriculum'.	1.1	What were the intentions of the participants with regards to the teaching of their science subjects under the '2006 revised junior college curriculum'?
	1.2	What were the reasons behind these intentions?
	1.3	What indicators did the participants use to see if they had achieved their intentions?
2. To examine the strategies adopted by the participants, and the reasons for adopting these strategies, with regards to the teaching of their science subjects under the '2006 revised junior college curriculum'.	2.1	What strategies did the participants adopt in order to achieve their intentions?
	2.2	What were the reasons for adopting such strategies?
	2.3	How did the participants organise or structure their strategies?
3. To examine the importance of the intentions and strategies to the participants, and the reasons they gave for this importance, with regards to the teaching of their science subjects under the '2006 revised junior college curriculum'.	3.1	What was the importance of the intentions and strategies to the participants?
	3.2	Why did the participants regard these intentions and strategies to be important?
	3.3	Which of the intentions and strategies did the participants consider to be the most important to them in terms of 'dealing with' the teaching of their science subjects under the '2006 revised junior college curriculum'?
4. To examine the outcomes the participants had expected, based on their intentions and strategies, with regards to the teaching of their science subjects under the '2006 revised junior college curriculum'.	4.1	What outcomes, based on their intentions and strategies, did the participants expect?
	4.2	What were the reasons for expecting these outcomes?
	4.3	What difficulties did the participants face in trying to achieve these outcomes?
5. To examine how the process of action and interaction (with the other stakeholders) impacted/influenced the participants with regards to the teaching of their science subjects under the '2006 revised junior college curriculum'.	5.1	Did the intentions of the participants change during the course of teaching their science subjects under the revised curriculum?
	5.2	Did the teaching strategies of the participants change during the course of teaching their science subjects under the revised curriculum?
	5.3	Had the relative importance of their intentions and strategies changed during the course of teaching their science subjects under the revised curriculum?