Appendix V.3

St. Francis' Canossian College
Project Learning 2002-2003
Working Schedule

Cycle	Session	Event	Activities
1	1	Introduction on project learning I	• Aims/objectives • Topic – scientific investigation • Log book for recording their work • Outline of the schedule this year • Introduce the mentoring system • Grouping and meet with advisors
	2	Stories of Scientists I	• Real stories/ videos/ cartoons of scientists – understanding the steps in scientific investigation
2	3	Stories of Scientists II	• Students' sharing on famous scientists
	4	Use of School Library system and get information from the Internet	• How to log on computers (at the computer room) • How to use internet and collect information (at the computer room) • How to collect information through our school library system • How to cite sources (practise at the library, one class each time)
3	5		
	6		
4	7		
	8	Collaborative skills	• Tasks/ activities to build up team spirit and learn how to work with people
5	9	Steps in scientific investigation I	• A brief outline of research method • Tasks/activities for students – how to set good and meaningful questions
	10	Outing	• Hong Kong Park/ Botanical Garden
6	11	Critical Thinking Skills	• Tasks/activities for students – training their thinking skills
	12	Steps in scientific investigation II	• Tasks/ activities for students – how to make testable hypothesis
7	13	Steps in scientific investigation III	• Tasks/ activities for students – how to design experiments with appropriate use of apparatus
	14	Steps in scientific investigation IV	• Tasks/ activities for students – how to record the results (e.g. tables, graphs, videos, photos) and draw conclusion
8	15	Outing	• Visit to Science Museum
	16	Financial matters	• Brief students how to write the financial report Tasks / activities for students
9	17	Consolidation	• Consolidation on the steps in scientific investigation
	18	Drafting the research proposal I	• Group Discussion on their own project • Under supervision and guidance of the mentors, students have to hand in their proposal at the end of the fourth drafting session
10	19	Drafting the research proposal II	
	20	Drafting the research proposal III	
11	21	Drafting the research proposal IV	
	22	Oral presentation I	• Tasks / activities for students by supporting team
12	23	Oral presentation II	

Cycle	Session	Event	Activities
12	24	Presentation of the proposal I	• 20 minutes for each group • Their performance will be assessed by their fellow students and their advisors • Their proposals will be questioned by their fellow students and their advisors • Students need to respond to their questions • Students should hand in their finalized plan one week after the presentation
13	25	Presentation of the proposal II	
	26	Presentation of the proposal III	
14	27	Teachers' Comment	Teachers' general comment on students' proposal
	28	Doing experiment I	• Students should carry their experiments in the laboratory under the supervision of the advisors • Students need to measure/record/collect all the data and discuss their results with their advisors • The results can be recorded by video, photographs, graphs, tables etc.
15	29	Doing experiment II	
	30	Doing experiment III	
16	31	Doing experiment IV	
	32	Report writing I	• Tasks / activities for students
17	33	Report Writing II	• Tasks/ activities for students
	34	Word processing I	• Use of computer to make up the report, present data etc.
18	35	Word processing II	
	36	Word processing III	
19	37	Word processing IV	
	38	Power point presentation I	• use of computer to make their own presentation
20	39	Power point presentation II	
	40	Power point presentation III	
21	41	Power point presentation IV	
	42	Preparation of the report I	• Computer rooms will be provided for students to make up the report. • Advisors give assistance if necessary. • In the report, the implications / applications in daily life, difficulties encountered should be included.
22	43	Preparation of the report II	
	44	Preparation of the report III	
23	45	Presentation of the report I	• 20 minutes for each group (including the time for setting up the computers)
	46	Presentation of the report II	
24	47	Presentation of the report III	
	48	Evaluation	• collect students' feedback