

UNIT	SCIENTIFIC INVESTIGATION SKILLS AND CAREER EXPLORATION				
Task	Canadian Scientist Poster and Career Exploration Assignment				
Due Date	Friday, September 18th				
Task	Description	K	T	C	A
1)	<p>Make a POSTER about any other Canadian Scientist you'd like!</p> <p>Include the following on your poster:</p> <p>A. Biographical information about the scientist</p> <p>B. Educational information about the scientist</p> <p>C. Describe the scientist's influence in the world</p> <p>D. Include an "Interesting Facts/Stories" section about the scientist</p> <p>E. Include a Bibliography: Cite all of your sources using APA style format</p> <p><i>How to write a bibliography for internet sites:</i> Author or Company, if available. (Date of publication). <i>Title of document.</i> Retrieved from http://Web address</p> <p><i>Example:</i> Taylor, R.E. (2003, February 3). <i>Autobiography</i>. Retrieved from http://nobelprize.org/nobel_prizes/physics/laureates/1990/taylor-autobio.html</p> <p>For help doing your bibliography, refer to: http://www.citationmachine.net/</p>	X	X	X	X
2)	<p>Choose ONE science-related career that interests you.</p> <p>Provide information on the following:</p> <p>A. What Education and training are necessary for this career?</p> <p>B. Give 3 reasons why you might consider pursuing this career.</p> <p>C. Include a Bibliography: Cite all of your sources using APA style format.</p> <p style="text-align: center;"><u>ATTENTION:</u></p> <p style="text-align: center;">- This task must not exceed one page!</p> <p style="text-align: center;">- This is NOT included in your poster!</p>	X	X	X	X
	<p>The following must be included upon your submission of the final and good copy:</p> <p>a) printouts or copies of your sources for both tasks (1 & 2)</p> <p>b) proofread and edited drafts of your work for both tasks</p> <p>c) this sheet</p> <p>d) checklist sheet</p> <p>e) poster</p>		X		

Teacher Conversation/Observation Sheet

1st stage: Research <ul style="list-style-type: none"> Bring in research (on paper or on an electronic device). Highlight relevant information. <p style="text-align: center; margin-top: 10px;">Due: Friday, Sept. 11</p>	2nd stage: Rough draft <ul style="list-style-type: none"> Do a rough draft of your assignment. Have someone (teacher, peer) edit it and give you feedback. <p style="text-align: center; margin-top: 10px;">Due: Tuesday, Sept. 15</p>	Final stage: Submission & Presentation <ul style="list-style-type: none"> Present the polished copy of your assignment. <p style="text-align: center; margin-top: 10px;">Due: Friday, Sept. 18</p>

K T C A

Use processing skills and strategies (e.g., meeting deadlines to get feedback, showing evidence of work, showing evidence of editing/proofreading/revision, making rough drafts, etc.)

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Student's Name	Course	Date	Task/Activity
	SNC1P		Scientific Investigation Skills and Career Exploration Unit Assignment

C H E C K L I S T

Before the task

- Do I know and understand what the **task** is?
- Have I asked or clarified any unclear **instructions**?
- Are all the **materials** ready and available to carry out the task?
- Do I have the **sequence or procedure** in completing the task laid out well?
- Do I need to do some **research**?
- Is the task to be completed in stages or phases before submitting the final work?
- Have I noted the submission date for the 1st stage/phase?
- Have I noted the submission date for the 2nd stage/phase?
- Have I noted the submission date for the final work?
- Are there any safety precautions or WHMIS guidelines to be followed?

During the task (Before submission of the final work)

- Am I following WHMIS guidelines and taking safety precautions?
- Am I following the procedure accurately?
- Am I recording my data/observations?
- Have I included units and observed the rules on significant digits, if necessary?
- Have I followed the format in presenting my work?
- Have I presented all my work in an organized and neat manner?
- Has my work (1st stage/phase) been proofread or edited?
- Has my work (2nd stage/phase) been proofread or edited?
- Do I have everything needed for the 1st stage/phase?
- Do I have everything needed for the 2nd stage/phase?
- Have I included all drafts and research done for this task?
- Have I written my name on my work?

After the task

- Did I take note of the recommendations to improve my work?
- Did I take note of the corrections to improve my work?
- Did I understand clearly what I have to do to improve my work?
- To improve my mark in this task, I could have

K T C A

Use processing skills and strategies (e.g., completing the checklist sheet and success criteria)

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Learning Goals: What should I be showing in this assignment?

- A1: Show scientific investigation skills in the four areas (planning, performing and recording, making conclusions, and communicating).
- A2: Find out and describe careers related to the fields of biology, chemistry, earth and space science, and physics, and describe the contributions of scientists, including Canadians, to those fields.

SUCCESS CRITERIA

Knowledge/Understanding			Level 1	Level 2	Level 3	Level 4
			Struggling	Pretty Close	Grade 9 Standard	Above & Beyond!
Yes	No	I can give accurate and relevant biographical information (Task 1) [C,SP]				
Yes	No	I can describe the chosen scientist's influence in the world (Task 1) [C,SP]				
Yes	No	I can give accurate and relevant facts/stories about the scientist (Task 1) [C,SP]				
Yes	No	I can give all elements asked for Task 2. [O,SP]				
Yes	No	I can give accurate and relevant educational information (Tasks 1 & 2) [C,SP]				
Thinking						
Yes	No	I can conduct and present research on the scientist & career (Stage 1) [O,SP]				
Yes	No	I can have my work revised and edited work (Stage 2) [O,SP]				
Yes	No	I can complete and attach the Checklist sheet, Teacher Conversation/Observation sheet, and this sheet (Stage 3) [SP]				
Communication						
Yes	No	I can use relevant visuals to enhance the assignment [O,SP]				
Yes	No	I can cite my sources using a bibliography in APA format/style [O,SP]				
Yes	No	I can limit Task #2 to one page [SP]				
Yes	No	I can have my work typewritten, using Size 11 Arial font and double-spaced [SP]				
Yes	No	I can submit my work in an organized and presentable manner (with page numbers, cover page, table of contents, etc.) [SP]				
Application						
Yes	No	I can answer teacher/peer questions following the submission or presentation. [C,O] Ex: Did the education of the scientist influence his/her field of work? Ex: What must you do to become an electrician?				