

Eden High School

Exercise Science (PSE4U1)

INDEPENDENT RESEARCH PROJECT

Scoring Table

NOTE:

- All of the following rubrics and the marking table will be submitted **online through a Google Doc** at each phase of the reporting process. **Elements of the project will not be accepted otherwise.**
- Use the **ISU Research Guide** when starting your research project.
- Create a **Google Doc** to document your research throughout the project.

Component	Mark Given	Calculation	Total
Topic Proposal	/10	=	/10
Research Document	/10	=	/10
Resource Interview (Bonus)	/20	÷ 2 =	/10
Teacher Interview	/60	÷ 3 =	/20
Final	/50	=	/50
Presentation	/25	÷ 2.5 =	/10
		TOTAL	/100

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INDEPENDENT RESEARCH PROJECT INTRODUCTION

Scenario:

You are volunteering for a Canadian Association, that has a link to health, exercise, physical education, sport, and/or physical movement. Your task is to promote your association's mission statement(s), by educating us about the organization, and linking related information you have learned through this course. You will also discuss the social issue(s) that your association is involved with, that is related to exercise, physical education, sport, and/or physical movement.

The Kinesiology Sport and Health Fair will be held on _____ in Gym C, at which you will be required to present you findings to invited quests and other students. This will include a presentation board, pamphlet and interactive component. You will be acting as the Association's spokesperson for the day.

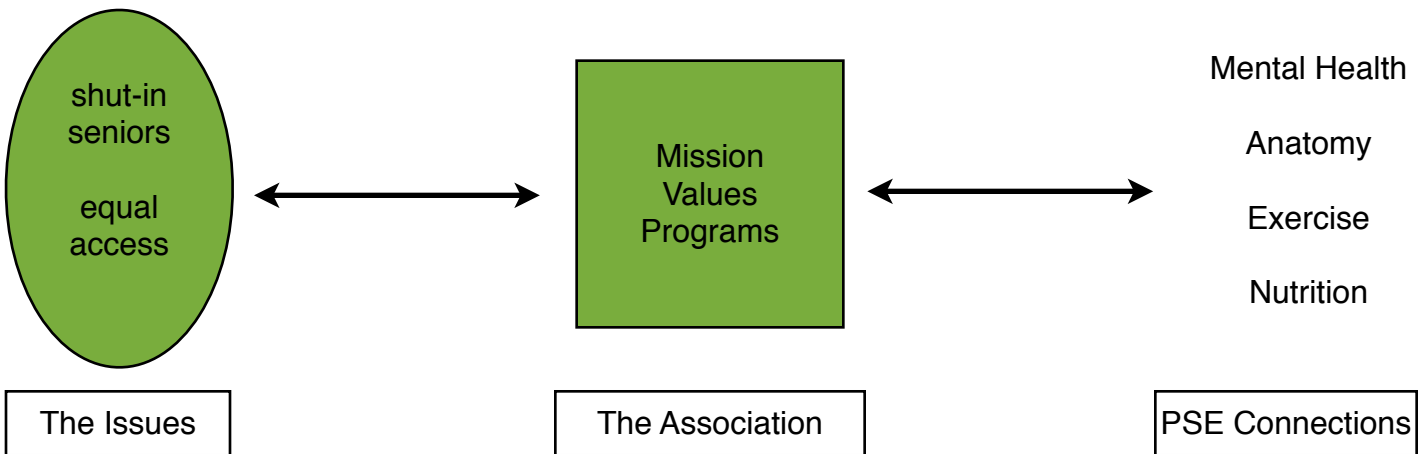
Example:

Association: The Dog Lovers Association of Ontario

Issues: Social Problems: shut-in seniors
Inequity: equal access
Government: anti-animal policies (parks, apartments, etc.)

PSE Links: Anatomy, digestion, food groups, vitamins, exercise routines.

The Concept:



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INDEPENDENT RESEARCH COMPONENTS

1. **PART #1 - Preliminary Report:** (10 marks) **Due Date:** _____
 - a. Doc #1: Preliminary Report (share with teacher)
 - i) Name of your association
 - ii) State and summarize the Mission Statement of the organization.
 - iii) Identify and briefly describe the social issues they are bring awareness to? (NOTE: think in terms of the four categories). (2)
 - iv) List specific programs that they offer. (2)
 - v) Describe your association's link to this course. Use your course outline and text as a reference for those areas we have not yet covered. (2)
 - b. Doc #2: Research Document (share with the teacher)
 - i) Identify 6 resources and group them according to research on the Association, Social Issues and PSE Related Topics.

2. **PART #2 - Research Document** (10 marks)
 - a. Doc #2 - Research
 - i) Copy and Paste any links found in your research, or type in the name of resources that are not web-based.
 - ii) Summarize the important aspects of the resource on the document underneath
 - iii) At the bottom keep a list of the each resource in MLA format. You will be required to show these at two occasions:
 1. Teacher Interview
 2. Final Product (due on day of Health Fair)

3. **PART #3 - Resource Interview:** (Bonus: 10 marks) **Due Date:** _____
 - a. Form #3A: Resource Interview Rubric
 - i) Hand in a documented review of the discussion with your contact (i.e. a spokesperson from your chosen association). There should be a **minimum of 10 questions** that you have asked them to ascertain relevant association information and issue awareness.
 - ii) Create a Google Doc and share your questions, if you'd like feedback beforehand.
 - iii) Please include the rough notes as well as a typed version.

 - b. Form #3B: Interview Verification Letter
 - i) This form needs to be signed by both you and your resource person to verify that they understand, and have agreed to anticipate.

4. **PART #4 - Secondary Report - Teacher Interview: (15 marks) Due Date:** _____

a. Form #4: Teacher Interview Rubric:

- i) Create a rough, but detailed sketch, and description of a display board, interactive component, and take-away that you will use in presenting your material.
- ii) Present a minimum of **10** resources, recorded properly in MLA format (**including 1 human, 1 web site and 1 journal entry**). These need to be about the Association, the Social Issues and the PSE Connections. (See Part #2)
- iii) There will be a 10 minute interview with your teacher to discuss your work to date; be prepared to defend and to be asked questions about your research.

5. **PART #5 - Final Product (50 marks)**

Due Date: _____

a. Form #5: Final Product Marking Scheme

b. Display Board

- i) Typically a three panel display: Left-ISSUES, Centre-ASSOC, Right-PSE4U
- ii) It must be visually appealing and informative, as you want to 'grab' the attention of potential readers and then educate them.
- iii) Include association web-site, address, phone number, and any other relevant contact information, **but do not plagiarize you resources**
- iv) Use titles/subtitles and colour and be sure that it is neat and organized.

c. Interactive Component

- i) The objective is to attract the participant to your poster and educate them about some facet of association and/or its issues. It should be a dynamic and informative, people oriented 'instrument'.
- ii) This interactive component is **NOT** to be part of your display board. Use of multi-media is encouraged
- iii) Ask yourself the following questions: Is it creative? Does it motivate and educate us? Does it involve a degree of audience interaction?

d. Handout

- i) If visitor to your presentation are interested in your association, you will be able to given them something to direct them to get more information
- ii) It will contain: contact information, websites, slogan, key ideas

e. Reference List

- i) Minimum of **15 resources**: recorded in proper format, a variety in types (ex. No more than half are websites), and covering the links to PSE 4U, and related social issue (See PART #2)
- ii) Must be available at the Health Fair

6. **Part #6 - Class Presentation: (10 marks)**

Due Date: _____

a. Form 6 - Presentation Rubric

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Form #1 - Preliminary Report (10 marks)

1. Name of your association: (1) _____
2. State and summarize the Mission Statement of the organization. (1)
3. Identify and briefly describe the social issues they are bring awareness to? (NOTE: think in terms of the four categories). (2)
4. List specific programs that they offer. (2)
5. Describe your association's link to this course. Use your course outline and text as a reference for those areas we have not yet covered. (2)
6. Create a Google Doc and share with the teacher and Identify 6 resources Group them according to research on the Association, Social Issues and PSE Related Topics.

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Form #2 - Research Document (10 marks)

1. Copy and Paste any links found in your research, or type in the name of resources that are not web-based.
2. Summarize the important aspects of the resource on the document underneath
3. At the bottom keep a list of the each resource in MLA format. You will be required to show these at two occasions:
 - ▶ Teacher Interview
 - ▶ Final Product (due on day of Health Fair)

EVALUATION:

Completion Check List

References	0	1	2	3	
	(less than minimum)			(more that minimum)	
Summaries	0		2		
					_____ /5

Content Check Lis

The Association	0	1	2	3	
The Social Issues	0	1	2	3	
The PSE connection	0	1	2	3	
Variety of Sources	0	1	2	3	
Quality of Sources	0	1	2	3	
					_____ /15

TOTAL _____ /20

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Form #3A - Resource Interview Rubric (Bonus 10 Marks)

If done correctly, this interview should be a spring board for the best resources towards your project. Questions should cover the main workings of the association, the social issues they are dealing with, and any related PSE links that can be made. Remember that not all questions are about getting information for the display board, but to have a fuller understanding of their mission statement and purpose. You should ask a **minimum of 10 questions**, but the more you ask, the better your results. Also, as you conduct the interview other follow up questions will arise which you should also include.

Question Ideas:

- The Association
 - The Mission Statement
 - History of the organization
 - Particulars of the infrastructure, address, staff etc.
 - Programs offered
 - Future plans
- The Social Issues:
 - Politics and Government, Media, Deviation, Inequity
- The PSE connections:
 - (this will vary between topics)
- Statistics
- Resources:
 - people, books, pamphlets, videos, websites.

EVALUATION:

Completion Check List

Questions	0		2	3	4
	(less than minimum)			(more that minimum)	
Form #2/emails	0		2		
Typed Responses	0	1			
					_____ /7

Content Check List

The Association	0	1	2	3	
The Social Issues	0	1	2	3	
The PSE connection	0	1	2	3	
Statistics	0	1			
Resources	0	1			
Depth of Questions	0	1	2		
					_____ /13

TOTAL _____ /20

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Form #4: Teacher Interview Rubric (15 marks)

Criteria	Level 1	Level 2	Level 3	Level 4	Mark
Project Components (display board, handout, interactive component)	<ul style="list-style-type: none"> Display board sketch, interactive component, pamphlet, handout partially completed Components missing not sufficient content 	<ul style="list-style-type: none"> Display board sketch, interactive component, pamphlet, handout complete Somewhat organized vague content 	<ul style="list-style-type: none"> Display board sketch, interactive component, pamphlet, handout complete Satisfactory organization 	<ul style="list-style-type: none"> Display board sketch, interactive component, pamphlet, handout complete very well organized neat and detailed 	/20
Resources (quantity, variety, covering the association, social issues, and PSE links)	<ul style="list-style-type: none"> Limited number and types of resources (4 or less from one type of source) 	<ul style="list-style-type: none"> Resources from a variety of sources. (4-5 from two sources) 	<ul style="list-style-type: none"> Good number of resources from a variety of places (6-8 from three sources) 	<ul style="list-style-type: none"> Excellent variety of resources from many sources (8+ from four or more sources) 	/10
Knowledge / Understanding (covering the association, social issues, and PSE links)	<ul style="list-style-type: none"> Answers showed limited understanding of facts, terms and concepts Can not answer questions asked. 	<ul style="list-style-type: none"> Answers showed some understanding of facts, terms and concepts Some answers are given; gaps in understanding 	<ul style="list-style-type: none"> Answers showed considerable understanding of facts, terms and concepts Answers most questions. 	<ul style="list-style-type: none"> Answers all questions and can expound on related concepts no gaps in understanding 	/20
Communication (descriptions, word choice, articulating information, eye contact, voice, posture)	<ul style="list-style-type: none"> Brief descriptions Difficulty answering questions No eye contact, lengthy pauses 	<ul style="list-style-type: none"> Satisfactory descriptions; somewhat vague Some ability to word answers Limited eye contact. 	<ul style="list-style-type: none"> Concise descriptions. Good ability to respond and articulate information Good eye contact. 	<ul style="list-style-type: none"> Excellent descriptions; gives more than asked Answers questions; can carry the conversation with little prompting Excellent eye contact and dialogue skills. 	/10

TOTAL _____ / 60

Example Questions:

1. Why have you chosen this topic?
2. Describe your Association: mission statement, programs, funding, etc.
3. What are the Social Issues related to your Association
4. How does it apply to the PSE course material?
5. How has this expanded your knowledge of the course material?
6. Describe the resources you have compiled: Association, Social Issues and PSE connections (Bring as many of them as you can)
7. What is your best resource and web site?
8. Describe the interactive component, board, and pamphlet.
9. NOTE: there will be specific questions on your topic, or words that you should be able to define: (Ex. Nutrition - what is recommended by experts)

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Form #5 - Final Product Marking Scheme

i) Display Board: (25)

- information							
- the association	0	1	2	3	4		
- programs	0	1	2	3			
- issue connections	0	1	2	3	4	5	
- course connections	0	1	2	3	4	5	
- concise descriptions	0	1	2				
- list web-site/contact info	0	1					_____/20
- visuals							
- headings	0	1	2				
- images (effective)	0	1	2				
- organization	0	1	2				
- colour	0	1	2				
- neatness	0	1	2				_____/10
							_____/30

ii) Interactive Component: (10)

- creative	0	1	2	3	4		
- effective	0	1	2	3	4		
- audience interaction	0	1	2				_____/10

iii) Handout: (5)

- appearance/colour organization/neatness	0	1	2	3			
- information	0	1	2				_____/5

iv) Reference List: (5)

- minimum of 15 sources (Quality, Quantity, Variety)	0	1	2	3			
- proper MLA format	0	1	2				_____/5

TOTAL _____/50

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Form #6 - Presentation Rubric (10 marks)

Scenario

Recall that you are acting as a representative of your association. At the Health and Sport Fair you will be interviewed by students, teacher and administrators. It is your responsibility to draw others into your display and dialogue about the following components:

- demonstration of the interactive component
- discussion
 - social issues
 - the association - mission statement, programs, contact info, etc.
 - connection to the course

Criteria	Level 1	Level 2	Level 3	Level 4	Mark
Knowledge / Understanding <ul style="list-style-type: none">• discusses association, social issues, and related PSE content• explanations detailed• answer questions	demonstrates very little understanding	demonstrates some understanding	demonstrates good understanding	demonstrates very good understanding	/10
Presentation skills <ul style="list-style-type: none">• voice, body language, style, eye contact• engages in dialogue• invited you in to their centre	demonstrates very little presentational skills	demonstrates some presentational skills	demonstrates good presentational skills	demonstrates very good presentational skills	/10
Visuals and Activities <ul style="list-style-type: none">• props used• games/activities effective• creativity	demonstrates very little use of visuals	demonstrates some use of visuals	demonstrates good use of visuals	demonstrates very good use of visuals	/5

Total ___/25

Comments: