



Task-based Activity Cover Sheet

Task Title: Collect and interpret income data across several occupations to establish an employment goal

Learner Name:	
Date Started:	Date Completed:
Successful Completion: Yes___ No___	
Goal Path: Employment ✓ Apprenticeship ✓ Secondary School ✓ _ Post Secondary ✓ Independence__	
Task Description: The learner will collect and interpret income data for five pre-selected or self-selected occupations.	
Competency: C: Understand and Use Numbers A: Find and Use Information D: Use Digital Technology	Task Group(s): C4: Manage data A2: Interpret documents D: Use Digital Technology
Level Indicators: C4.3: Find, integrate, and analyze data; identify trends in data A2.3: Interpret somewhat complex documents to connect, evaluate and integrate information D.3: Experiment and problem-solve to perform multi-step digital tasks	
Performance Descriptors: see chart or click here	
Skill Building Activities: see last page or click here	
Materials Required: <ul style="list-style-type: none">• Pen or pencil• Paper• Computer with internet access	
ESKARGO: Building Readiness Number Sense and Computation <ul style="list-style-type: none">• Selects appropriate steps to reach a solution• Finds ranges for sets of data• Collects, organizes, and represents data using simple tables and graphs• Recognizes patterns and begins to identify trends in data Skills and Knowledge Required for Successful Task Performance The learner: <ul style="list-style-type: none">• Calculates using numbers expressed as whole numbers, fractions, decimals, percentages, and integers	



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- Manages unfamiliar elements (context, content) to complete tasks
- Calculates and interprets summary measures (e.g., mean, median, mode)
- Chooses and performs required operations; makes inferences to identify required operations
- Selects appropriate steps to solutions from among options
- Identifies a variety of ways to complete tasks
- Finds, integrates, and analyses data

Attitudes:

Practitioner,

We encourage you to talk with the learner about attitudes required to complete this task set. The context of the task has to be considered when identifying attitudes. With your learner, please check one of the following:

Attitude is not important Attitude is somewhat important Attitude is very important



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Before setting an exact career goal it is important to find out the earning ranges and potential for that position. A position may sound interesting, but if it pays only minimum wage it might not be a viable career option.

Use the following website and login/password information:

<https://www2.careercruising.com/main>

login: employment

password: kerc

Learner Information and Tasks:

Task 1 a):

Do a keyword search for and write down the earning ranges (minimum and maximum) for the following five careers:

- Picture framer : _____ - _____
- Hospital Service Worker _____ - _____
- Security Guard _____ - _____
- Personal Care Attendant _____ - _____
- Deck Hand _____ - _____

Task 1 b): OR

If you prefer, search for five (5) careers that interest you and list them below along with their earnings ranges estimates:

- _____ - _____
- _____ - _____
- _____ - _____
- _____ - _____
- _____ - _____



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- Task 2:** A full time job is 37.5 hours/week, which career from the five above pays the highest estimated maximum amount per year?
- Task 3:** Which career from the five above pays the lowest estimated minimum amount per year?
- Task 4:** In which career(s)' maximum pay could you work for only half a year and still make more than the salary for a full year at minimum wage?
- Task 5:** Which career has the greatest difference between its estimated minimum salary to its estimated maximum salary – what is the difference?



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Answer Key

(the salary ranges may vary you will need to log in to make sure these are correct):

Task 1: Search for and write down the earning ranges (minimum and maximum) for the following five careers

- Picture framer : _____ \$20,000 _____ - _____ \$42,000 _____
- Hospital service worker _____ \$10/hr _____ - _____ \$20/hr _____
- Security Guard _____ minimum wage _____ - _____ \$25/hr _____
- Personal Care Attendant _____ minimum wage _____ - _____ \$20/hr _____
- Deck Hand _____ \$20,000 _____ - _____ \$100,000 _____

Task 2: Which career from the three above pays the highest estimated maximum amount per year?

Deck Hand at 100K (this answer does require them to at least figure out what someone working a \$/hr job makes per year, in this case they only needed to do Security Guard, but you want to see that calculation done)

Task 3: Which career from the five above pays the lowest estimated minimum amount per years?

Hospital service worker (but the minimum wage is below the actual “minimum wage” which is currently 11/hr but will go up to 11.25/hr in October 2015).

Using the same 37.5 hr calculator the Picture framer and Deck hand are the current lowest estimated

Task 4: In which career(s) maximum pay could you work for only half a year and still make more than the salary for a full year at minimum wage?

They individual at minimum wage makes \$21450/yr (at \$11/hr) so doubling that equals \$42,900...the only career would be deck hand (picture framer comes close, but is \$900 short)



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Task 5: Which career has the greatest difference between its estimated minimum salary to its estimated maximum salary – what is the difference?

Deck Hand at \$80,000

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Performance Descriptors		Needs Work	Completes task with support from practitioner	Completes task independently
C4.3	<ul style="list-style-type: none"> calculates using numbers expressed as whole numbers, fractions, decimals, percentages and integers 			
	<ul style="list-style-type: none"> manages unfamiliar elements (e.g. context, content) to complete tasks 			
	<ul style="list-style-type: none"> makes estimates involving many factors where precision is required 			
	<ul style="list-style-type: none"> calculates and interprets summary measures (e.g. mean, median, mode) 			
	<ul style="list-style-type: none"> calculates percentage change 			
	<ul style="list-style-type: none"> chooses and performs required operations; makes inferences to identify required operations 			
	<ul style="list-style-type: none"> selects appropriate steps to solutions from among options 			
	<ul style="list-style-type: none"> interprets, represents and converts values using whole 			
	<ul style="list-style-type: none"> numbers, decimals, percentages, ratios and fractions 			
	<ul style="list-style-type: none"> identifies a variety of ways to complete tasks 			
	<ul style="list-style-type: none"> finds integrates and analyzes data 			
	<ul style="list-style-type: none"> organizes and represents numerical information (e.g. tables, graphs) 			
	<ul style="list-style-type: none"> makes predictions using data; identifies trends 			
	<ul style="list-style-type: none"> uses strategies to check accuracy (e.g. estimating, using a calculator, repeating a calculation, using the reverse operation) 			
A2.3	<ul style="list-style-type: none"> performs complex searches using multiple search criteria 			
	<ul style="list-style-type: none"> manages unfamiliar elements (e.g. vocabulary, context, topic) to complete task 			



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	<ul style="list-style-type: none"> • integrates several pieces of information from documents 			
	<ul style="list-style-type: none"> • compares or contrasts information between two or more documents 			
	<ul style="list-style-type: none"> • uses layout to locate information 			
	<ul style="list-style-type: none"> • identifies the purpose and relevance of documents 			
	<ul style="list-style-type: none"> • makes inferences and draws conclusions from information displays 			
	<ul style="list-style-type: none"> • identifies sources, evaluates and integrates information 			
D.3	<ul style="list-style-type: none"> • experiments and problem-solves to achieve the desired results 			
	<ul style="list-style-type: none"> • manages unfamiliar elements (e.g. vocabulary, context, topic) to complete tasks 			
	<ul style="list-style-type: none"> • makes inferences to interpret icons and text 			
	<ul style="list-style-type: none"> • selects appropriate software when required by the task 			
	<ul style="list-style-type: none"> • identifies sources, evaluates and integrates information 			
	<ul style="list-style-type: none"> • customizes software interfaces (e.g. toolbar, homepage settings) 			
	<ul style="list-style-type: none"> • performs advanced searches (e.g. refines search terms, uses advanced search features, cross-refers between websites) 			

This task: was successfully completed___ needs to be tried again___

Learner Comments

Instructor (print)

Learner Signature



Skill Building Activities

Links to online resources:

- <http://www.statcan.gc.ca/edu/power-pouvoir/ch11/median-mediane/5214872-eng.htm> - Information from Stats Can for calculating the median in income
- http://www.conceptstew.co.uk/PAGES/mean_or_median.html - how to calculate the “average income”
- <http://www.skillsyouneed.com/num/averages.html> - Data analysis information for calculating averages
- https://www.youtube.com/watch?v=IV_m_uZOUgl – 7.16 minute youtube video on Mean, Median and Mode

LearningHUB online courses available:

- **Math, Independent Study (Assigned by practitioner after assessment) :**
 - PLATO 301 Fractions
 - PLATO 304 Percents and Mixed Operations
- **Essential Skills, Independent Study (Assigned by practitioner after assessment):**
 - PLATO Basic Skills for the Real World: Assignment 4,5,6,7
 - PLATO Business Basics
- **Independent Study Short Courses (Moodle) (Assigned by practitioner after assessment):**
 - Managing Your Money: Creating a Personal Budget to track income/expenses
 - Feeding a Family
 - Exploring Apprenticeship
- **Live Classes (SABA)**
 - Mean, Median & Mode - Measures of Central Tendency
 - Budgeting Basics
 - Understanding Fractions A, B & C
 - Percentages A & B

***To access LearningHUB courses**, learners must register for the LearningHUB e-Channel program by completing the registration form on their website and completing the course selection (page 2 of the registration form): https://www.learninghub.ca/get_registered.aspx

***To Access LearningHUB Course Catalogue:**

<http://www.learninghub.ca/Files/PDF-files/HUBcoursecatalogue,%20December%202023,%202014%20revision.pdf>