

Unit 8: Project Associating Careers and Mathematics

Objective: Showcase an occupation that makes use of some of the curriculum in MAP4C.

Due Date: The written report is due _____. The cutoff date is your **Presentation Date (June 12 or June 13)**.

Remarks:

1. I would be surprised if the written report, not including the cover page and works cited, is fewer than 2 pages or more than 4 pages.
2. When writing the report, utilize a conversational first person style. Avoid the use of slang and jargon. For example, “we were driving to the ice rink, talking incessantly, when I thought of my dream job: A zamboni driver!” is O.K. “We were hangin with some guys, going through some mags, n the job of a lifetime was offered to me.” is not O.K.
3. I will award bonus marks for writing that is interesting and enjoyable. Be creative, gripping, interesting, humorous... . Try to capture the reader and sell your selected career.
4. **Select an occupation and provide the rationale for your choice. Start researching textbooks for Career Profiles, & PHS Library website >> Subscription Databases >>Career Cruising.**
5. **State two MAP4C math questions that are related to your career. The questions will come from at least one of the four strands in the course: Data Management, Exponential Functions, Financial Math, and Trigonometry / Measurement.**
6. **Solve the two selected math problems using good form and full communication. Interpret your solutions in the context of your career.**
7. Keep track of your sources for a works citing page.
8. Prepare a 5-8 minute presentation.

Marking Scheme:

Written Report: /30 (5+10+10+5)

- ✓ Cover page with name of student, teacher, date, career choice, and related strand(s) of MAP4C.
- ✓ Detail the career using your research depth of knowledge. Include responsibilities, dangers, hours, salary, holidays, benefits, location, educational requirements, travel requirements, and advancement opportunities.
- ✓ Detail the two math tools. Set up the question, solve, and apply the answer to your career. More difficult tools earn a Level 4 or Level 4+.
- ✓ Works cited. (See PHS website >> Documentation Guides). Spelling and grammar.

Presentation: /30 (12+5+10+3)

- ✓ 5-8 minutes oral report.
- ✓ Explain the career details.
- ✓ Explain the math tools and apply them to the career.

Schedule:

- 1 period for career research.
- 1 period for written report.
- 1 period for math tools.
- 1 period for presentation design.