ELECTRIFYING

THE FUTURE

Electrifying the Future - Goodman School of Mines, Laurentian University
<u>**Lesson Plan 3: OVIN Career Navigator Tool**</u>

Exploring Automotive & Mobility Career Pathways with the OVIN Career Navigator

Background for Teachers: The OVIN Skills and Career Navigator is an invaluable resource designed to provide a comprehensive understanding of Ontario's Automotive and Mobility sector. It serves as a guide to navigating various skills and career pathways, offering opportunities across the province.

Reports indicate a looming recruitment gap of approximately 30,000 positions in the Automotive and Mobility industry between 2021 and 2030. In response, the Electrifying the Future (ETF) initiative has crafted a lesson plan and an engaging educational video-Watch here: (https://drive.google.com/file/d/1jEcFUr_D2KIy43rhQXmyVjY0iEuvWLuZ/view?usp=drive_link)   . These tools aim to ignite awareness among today's youth, empowering them to explore the multitude of promising career paths available within the industry.

The Career Pathways tools within OVIN's Skills & Career Navigator empower users by matching their interests, skills, education, and work experiences with potential career options in Ontario's Automotive and Mobility sector.

Let's consider a real life example:

John is a high school junior brimming with enthusiasm for the Automotive and Mobility sector. With a knack for hands-on learning, problem-solving, and a flair for public speaking, John sets out to discover his potential career pathways using the OVIN Career Navigator tool.

Through this exploration, John discovers that his skills and interests harmonize with several sectors within the industry, such as Auto and Parts Manufacturing, Aftermarket, Maintenance and Repair, and Mobility Planning & Infrastructure. Potential career avenues for John span roles like Software Engineers and Designers, Mechanical Engineers, Electrical Electronics Engineers, Mobility Policy Specialists, Retail Sales and Trade Managers, Technicians, or Information Systems Testing Technicians.

Empowered by this insight, John further immerses himself in the navigator tool, uncovering valuable guidance on how to enhance his skills and passions to align with his chosen career path. With a resolute vision for his future, John sets his sights on pursuing a degree in Software Engineering or Software Development at the university or college level.

How can your students embark on their own career exploration journey using the OVIN Career Navigator tool? See the Step-by Step Guide and Activities below.

Digital copies of these documents can be downloaded from:
https://goodmanschoolofmines.laurentian.ca/electrifying-the-future/

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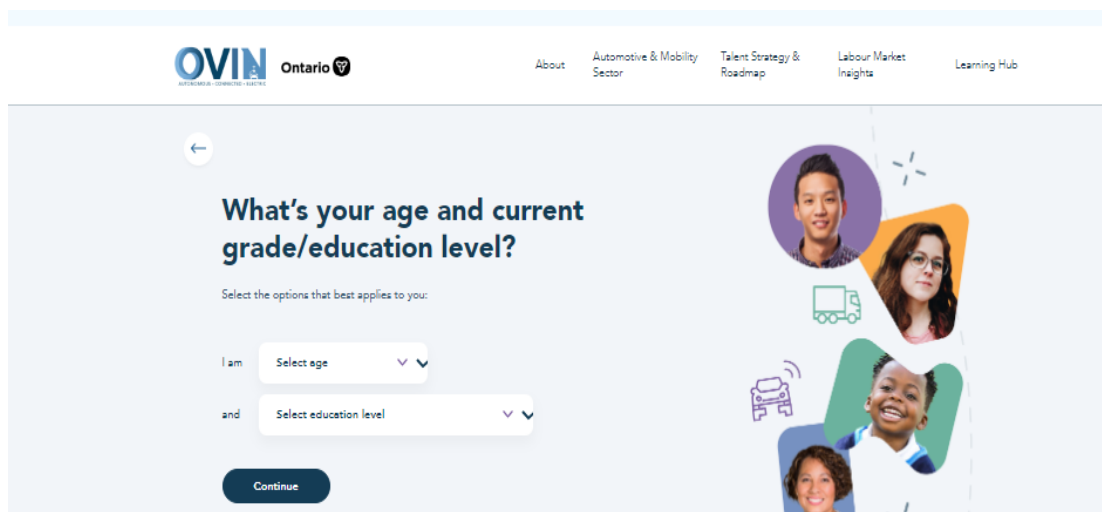## Step-by-Step Website Navigation Guide for Students:

**Go to the following website:** https://ovin-navigator.ca/

Step 1: Click on "Get Started" under "Students Ages 12+ : For Students who want to learn about automotive careers."
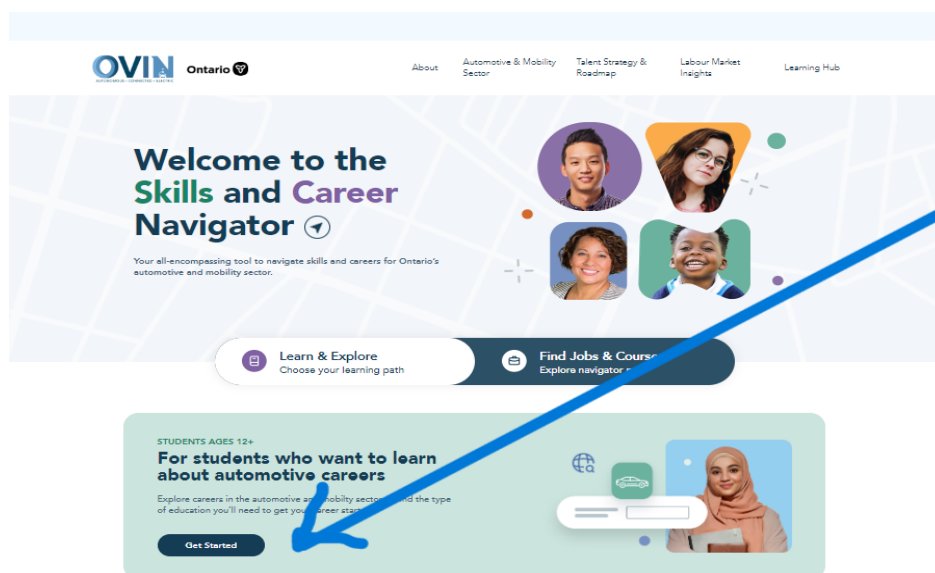
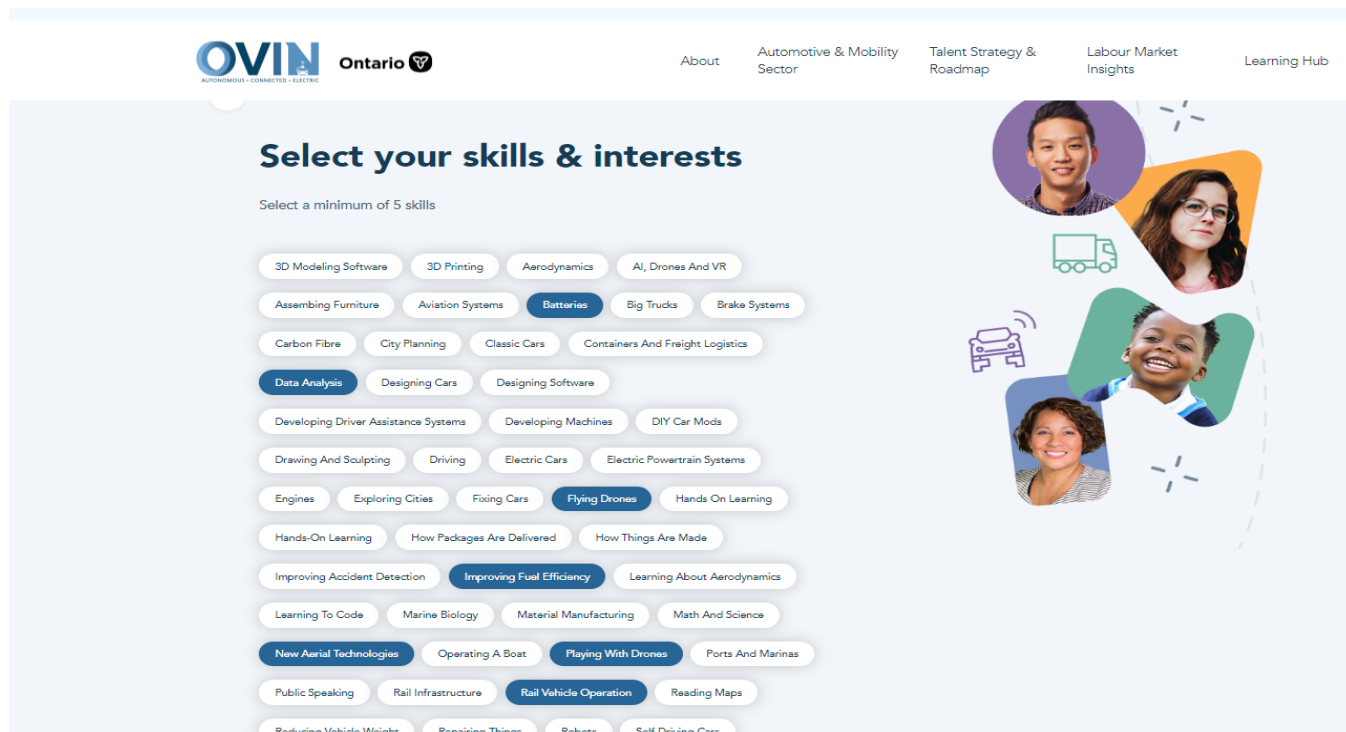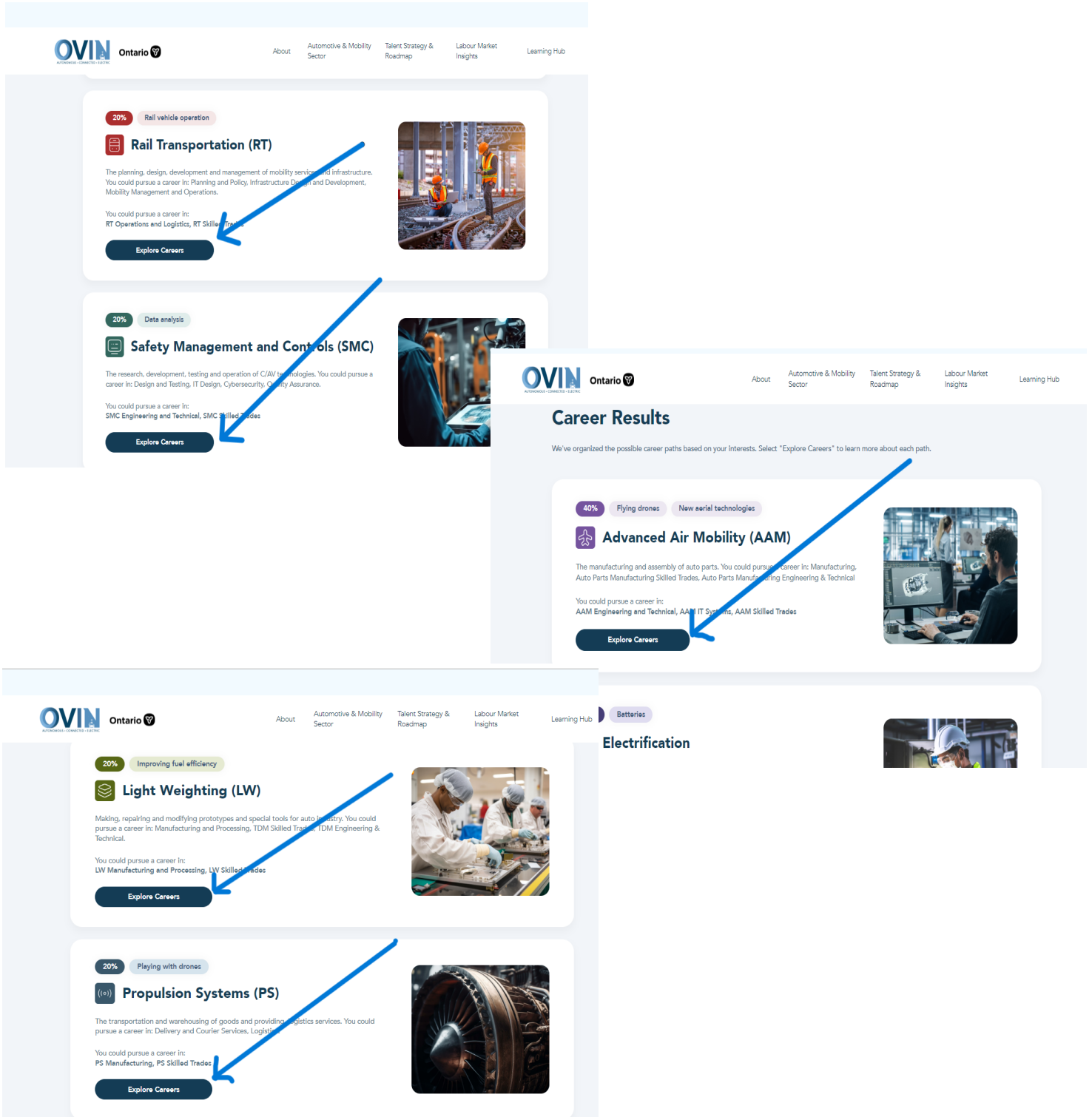**Step 2**: Input your age range and educational level, then click "Continue."

Step 3: Select "I am interested in the automotive industry but not sure which field." You can later explore other options for additional information about courses and job postings.
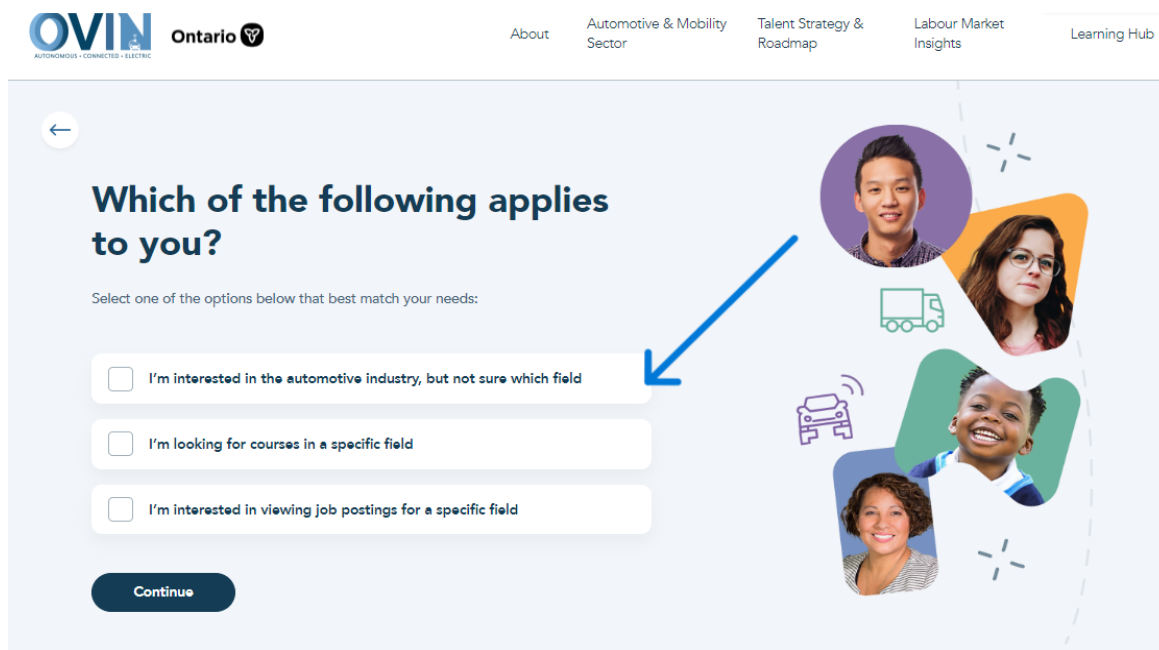
Step 4: Identify at least 5 skills or interests that are relevant to you.

Step 5: Explore the variety of career options suggested based on your skills and interests.

Step 6: Identify potential occupations that captivate you.
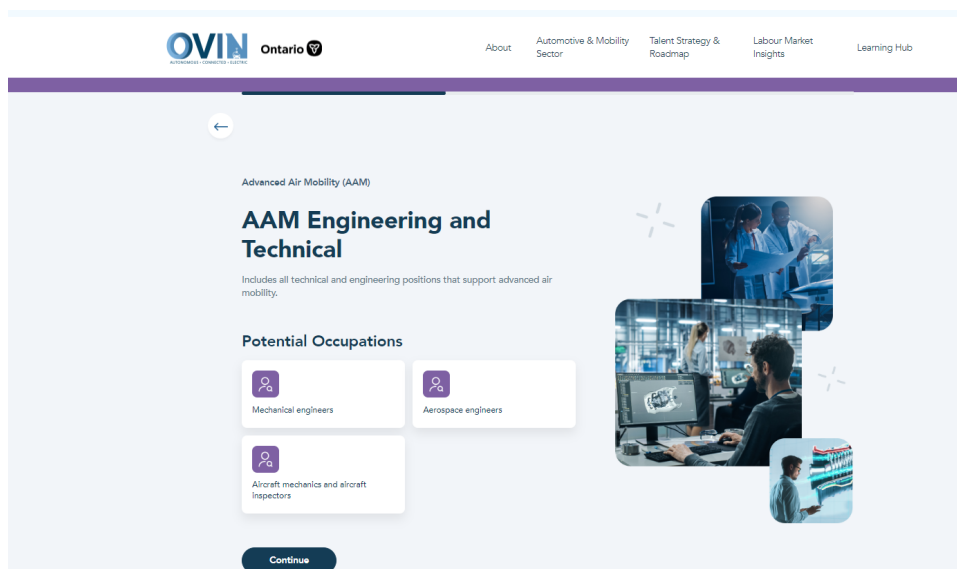
Step 7: Click on "Continue" to discover course-based and experiential learning opportunities available for your chosen occupation. This includes undergraduate programs, certificate and diploma courses, as well as insights into the technical and professional skills required for your selected career.
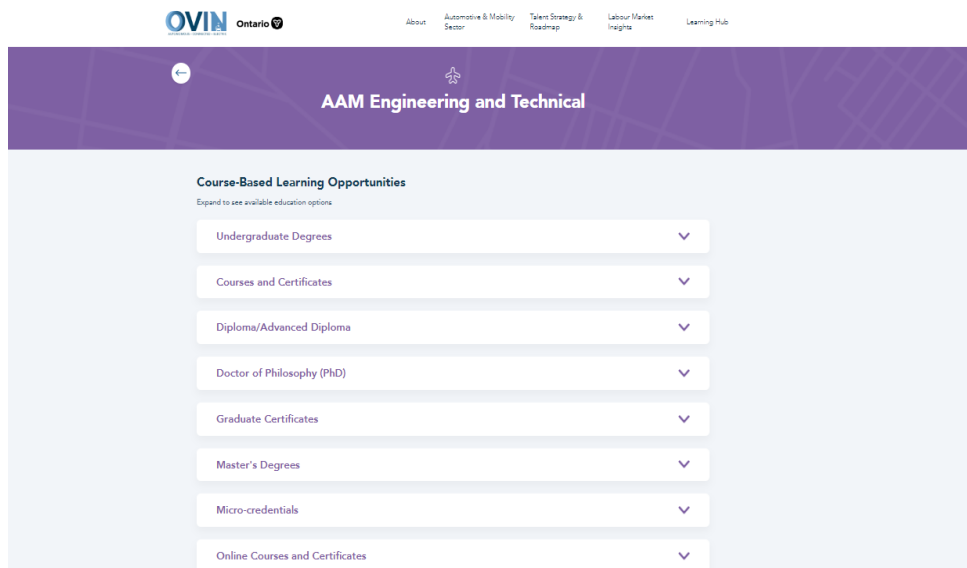
Learn more about the jobs in demands in the Automotive Industry by visiting the Labour Market Insight on this link- https://ovin-navigator.ca/labour-market-insights/lmi-data/

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Questions for Students:

1. Watch the Electrifying the Future Video

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2. Use the Step-by-step guide to navigate the OVIN Career Navigator too.
   a. What are your skills? Name between 3-6 skills that you identify with.

   b. From the skills highlighted in the navigator tool, select two careers that matched your skillset. For each career, fill out the information in the table below.

	CAREER MATCH #1	CAREER MATCH #2
CAREER NAME		
CAREER DESCRIPTION		
WHAT KIND OF CREDENTIALS DO YOU NEED TO QUALIFY FOR THIS CAREER?		
WHY ARE YOU INTERESTED IN THIS CAREER?		