

Jobs of the Future

CARD GAME

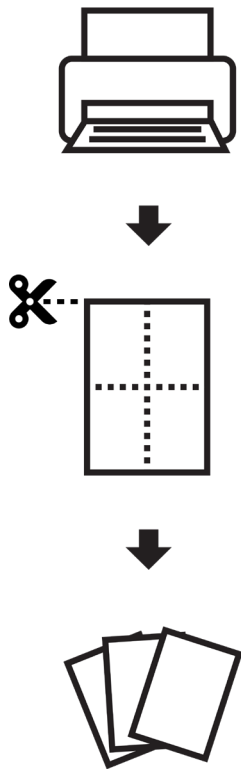
OBJECTIVE: To explore ideas about what employment might look like in 2030

TO WIN: The player with the most New Job cards wins the game

PLAYERS REQUIRED: 3 – 5

MATERIALS REQUIRED: World Building cards, Occupation cards, New Job cards, game board, pens

GAME RULES



1. Each player draws 4 World Building cards.
2. Identify the player in your group who had the longest commute this morning. They get to go first. To begin the game, this player draws two Occupation cards and places them on the “present” side of the game board, reading them out.
3. Players discuss what these jobs are like right now, in 2019. Who performs these jobs? What are the key tasks?
4. Move the cards to “2030 and beyond” side of the game board. The person to the left of the first player selects a World Building card, describing one way these jobs might change or evolve as a result of the trend described on this card.
5. Player 3, 4, 5, and 1 repeat this step.
6. Together, players discuss what the world would look like if all four trends were to interact, answering the questions: What might 2030 look like in this world? What would result from these trends intersecting?
7. Players can add additional World Building cards to drive the conversation further.
8. Throughout the game, players should consider possible new jobs that would surface in a future where these trends interact. These new occupations should be captured on the New Job cards. Once each person has had a turn, players have 1 additional minute to fill out New Job cards before moving on.
9. Repeat Step 2 through 8 until 4–8 different occupations have been discussed.



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World Building Cards

Virtual + Augmented Reality Experiences

Virtual and augmented reality has transformed the way Canadians work, learn, interact with each other, and experience the world.

TECHNOLOGICAL CHANGE

WORLD BUILDING CARD



AI Everything

Artificial Intelligence (AI), which is made up of technologies such as machine learning, natural language processing, facial recognition and robotics to create predictive and hyper personalized services, has impacted and disrupted every industry.

TECHNOLOGICAL CHANGE

WORLD BUILDING CARD

We Are FAMGA

Facebook, Amazon, Microsoft, Google, Apple (FAMGA) have redefined the technology industry and control most of the data in the world while also providing social connections, food, products and almost everything else we need or want.

TECHNOLOGICAL CHANGE

WORLD BUILDING CARD

Digital Identity

Digital information from various sources, including location, gender, age, career and interests, are utilized to create online identities used for employment and other decisions.

TECHNOLOGICAL CHANGE

WORLD BUILDING CARD

Humans, Augmented

Brain implants and new senses have elevated human capabilities.

TECHNOLOGICAL CHANGE

WORLD BUILDING CARD

AI Rights

AI has transitioned from being understood as software to being considered beings, therefore achieving a new status and basic rights.

TECHNOLOGICAL CHANGE

WORLD BUILDING CARD

Digital Detox

Finding the cost of digital connectedness too high, Canadians have made deliberate decisions to unplug from technology to achieve a healthier life balance.

TECHNOLOGICAL CHANGE

WORLD BUILDING CARD

Blockchain

Blockchain has changed the security and authenticity of important transactions including banking, land rights, high value goods, insurance and voting.

TECHNOLOGICAL CHANGE

WORLD BUILDING CARD

3D Printing

The ability to print on-demand custom items has disrupted supply chains and enabled new products, from disaster relief shelters, to clothing, food and human organs.

TECHNOLOGICAL CHANGE

WORLD BUILDING CARD

Creative AI

Creative tasks previously deemed automation-resilient have been automated.

TECHNOLOGICAL CHANGE

WORLD BUILDING CARD

Personal Data Ownership

Concerns over personal data have created new ownership and revenue models.

INCREASING INEQUALITY

WORLD BUILDING CARD

Decline of Capitalism

Millennials have successfully advocated for a new economic system to replace capitalism.

INCREASING INEQUALITY

WORLD BUILDING CARD

Disappearing Middle Class

The middle class has all but disappeared, overstretched by debt, increasing the polarization between rich and poor.

INCREASING INEQUALITY

WORLD BUILDING CARD

Rebalancing Gender Equality

Gender equality is on the rise with efforts made to shift power structures.

INCREASING INEQUALITY

WORLD BUILDING CARD

Tech Talent Immigration

The global competition for tech talent is fierce. To attract talent, Canada has created new policies to make coming to Canada quicker and easier.

GLOBALIZATION

WORLD BUILDING CARD

Resource Scarcity

Clean air, water, and sand have all become scarce and extremely valuable resources.

ENVIRONMENTAL SUSTAINABILITY

WORLD BUILDING CARD

Climate Refugees

Canada has experienced an influx of refugees due to major climate change disruptions in the rest of the world.

ENVIRONMENTAL SUSTAINABILITY

WORLD BUILDING CARD

Wildfires, Flooding + Mudslides

Canada is experiencing many instances of wildfires, floods and mudslides caused by climate change, and it is disrupting everyday life.

ENVIRONMENTAL SUSTAINABILITY

WORLD BUILDING CARD

Alternative Energy

Experimental and sustainable energy sources, such as artificial photosynthesis and bacteria-packed solar cells, are providing abundant, affordable energy for all.

ENVIRONMENTAL SUSTAINABILITY

WORLD BUILDING CARD

Suburban Boom

Canada's suburban areas have experienced significant population growth and employers have concentrated in Canada's urban centres.

URBANIZATION

WORLD BUILDING CARD

Entrepreneurial Spirit

Entrepreneurship-related work and the entrepreneurial spirit has become the dominant career path with many Canadians creating their own opportunities rather than committing to a single employer.

OTHER

WORLD BUILDING CARD

Mandatory Creativity

Creativity is a critical skill for all Canadians, not just for the arts and design community.

OTHER

WORLD BUILDING CARD

Cannabis Economy

Immense new market opportunities have been created after Canada becomes second nation in the world to legalize marijuana.

OTHER

WORLD BUILDING CARD

Education Reimagined

Work has changed, driving the demand for learning how to learn instead of memorizing information, paving the way for new models of education for K-12 learners.

OTHER

WORLD BUILDING CARD

International Tensions

Canada has increased investment in security and defence due to international conflicts such as cyber and autonomous warfare.

POLITICAL UNCERTAINTY

WORLD BUILDING CARD

Connected but Lonely

Digital and asynchronous personal connections have resulted in widespread mental illness and loneliness.

DEMOGRAPHIC CHANGE

WORLD BUILDING CARD

Working Retirement

Seniors are working well into their eighties and nineties.

DEMOGRAPHIC CHANGE

WORLD BUILDING CARD

Work + Life Integration

The work day is no longer defined by specific hours and days, and instead is intertwined with all parts of life.

DEMOGRAPHIC CHANGE

WORLD BUILDING CARD

Lifelong Learning

Canadians have adopted a practice of lifelong learning, moving away from one-time post-secondary education to self-directed learning, micro-credentialing, and employer-based learning.

DEMOGRAPHIC CHANGE

WORLD BUILDING CARD

Mainstream Inclusive Design

Product and service design has changed to ensure usability by as many people as possible and created new market of opportunities.

DEMOGRAPHIC CHANGE

WORLD BUILDING CARD

Occupation Cards



Petroleum Engineers

Petroleum engineers conduct studies for the exploration, development and extraction of oil and gas deposits; and plan, design, develop and supervise projects for the drilling, completion, testing and re-working of oil and gas wells. They are employed by petroleum producing companies, consulting companies, well logging or testing companies, government, and research and educational institutions.

NOC: 2145

OCCUPATION CARD



Hairstylists & Barbers

Hairstylists and barbers cut and style hair and perform related services. They are employed in hairstyling or hairdressing salons, barber shops, vocational schools, health care establishments and theatre, film and television establishments.

NOC: 6341

OCCUPATION CARD



General practitioners and family physicians

General practitioners and family physicians diagnose and treat the diseases, physiological disorders and injuries of patients. They provide primary contact and continuous care toward the management of patients' health. They usually work in private practice, including group or team practices, hospitals and clinics. Residents in training are included in this unit group.

NOC: 3112

OCCUPATION CARD



Mine Labourers

Mine labourers carry out a variety of general labouring duties to assist in the extraction of coal, minerals and ore, and in other services in support of underground mining. They are employed by coal, metal and non-metallic mineral mines.

NOC: 8614

OCCUPATION CARD



Bus drivers, subway operators and other transit operators

This unit group includes workers who drive buses and operate streetcars, subway trains and light rail transit vehicles to transport passengers on established routes. Bus drivers are employed by urban transit systems, school boards or transportation authorities and private transportation companies. Streetcar, subway and light rail transit operators are employed by urban transit systems.

NOC: 7512

OCCUPATION CARD



Physiotherapists

Physiotherapists assess patients and plan and carry out individually designed treatment programs to maintain, improve or restore physical functioning and mobility, alleviate pain and prevent physical dysfunction in patients. Physiotherapists are employed in hospitals, clinics, industry, sports organizations, rehabilitation centres and extended care facilities, or they may work in private practice.

NOC: 3412

OCCUPATION CARD



Receptionists

Receptionists greet people arriving at offices, hospitals and other establishments, direct visitors to appropriate person or service, answer and forward telephone calls, take messages, schedule appointments and perform other clerical duties. They are employed by hospitals, medical and dental offices and throughout the public and private sectors. Telephone operators are included in this group.

NOC: 1414

OCCUPATION CARD



Payroll Administrators

Payroll administrators collect, verify and process payroll information, determine pay and benefit entitlements for employees, maintain accurate payroll records, and provide payroll information within a department, company or other establishment. They are employed by payroll administration companies and by establishments throughout the public and private sectors.

NOC: 1432

OCCUPATION CARD

<p style="text-align: center;">NEW JOB CARD</p> <p>Title:</p> <hr/> <p>Describe or draw it:</p> <hr/> <hr/> <p>Key tasks:</p> <ul style="list-style-type: none">+++++	<p style="text-align: center;">NEW JOB CARD</p> <p>Title:</p> <hr/> <p>Describe or draw it:</p> <hr/> <hr/> <p>Key tasks:</p> <ul style="list-style-type: none">+++++	<p style="text-align: center;">NEW JOB CARD</p> <p>Title:</p> <hr/> <p>Describe or draw it:</p> <hr/> <hr/> <p>Key tasks:</p> <ul style="list-style-type: none">+++++
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THE PRESENT

Jobs of the Future

2030 AND BEYOND

