

Jackson Vocational Interest Survey (JVIS)

Extended Report

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This report is based on your answers to the Jackson Vocational Interest Survey (JVIS). It outlines your areas of interest, and how your interests compare with those of people in different occupations and educational programs.

It is extremely important to recognize that interests are different from abilities. These results tell you only about your interests. They do not indicate whether or not you have the ability, skill, or educational background necessary to do a particular kind of work. Thus, a high score on the Mathematics scale would indicate an interest in using mathematical reasoning to solve problems, but would not necessarily mean that you have the ability to become a mathematician. Other sources of information, as well as your past record of performance, should be considered in addition to your JVIS results.

Most people find their vocational interest results very useful. However, you should not expect this report to choose a career for you without some careful thinking on your part. Results quite often turn out to be what you expected. If so, it is of some benefit to know that an objective comparison of your interests to those of others confirms the direction of your present planning. If this report suggests career directions very different from your present plans, you should carefully review these plans and your reasons for making them. Generally, people are more likely to be satisfied in an occupational area to which their interests are similar.

You are encouraged to find out more about specific occupations in the areas to which your interests are similar. To do so, consult career information files and reference books at a library or in a career counselling office. This report lists several possible resources and activities to get you started.

The information in your JVIS report is arranged as follows

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JVIS Basic Interest Profile

The profile below shows your scores on the 34 JVIS Basic Interest scales. A high score indicates that you show a preference for working in settings involving the activities described by the scale name. A low score indicates that you would prefer not to work in such settings and would probably find such work unsatisfying.

Scale	Raw Score	Percentiles			Combined Percentile Score					
		F	M	Comb.	Low	Average			High	
					0	20	40	60	80	99
Creative Arts	9	50	58	54						
Performing Arts	11	69	69	69						
Mathematics	3	34	18	27						
Physical Science	6	58	31	42						
Engineering	14	99	88	95						
Life Science	10	76	69	73						
Social Science	7	27	31	31						
Adventure	17	97	92	95						
Nature-Agriculture	17	99	99	99						
Skilled Trades	6	69	50	58						
Personal Service	12	79	92	84						
Family Activity	16	95	98	96						
Medical Service	1	14	8	12						
Dominant Leadership	7	58	38	46						
Job Security	12	86	86	86						
Stamina	6	18	14	16						
Accountability	11	62	62	62						
Teaching	7	18	42	31						
Social Service	7	16	54	34						
Elementary Education	7	16	46	31						
Finance	8	54	42	46						
Business	10	54	62	58						
Office Work	10	73	82	76						
Sales	12	86	86	86						
Supervision	6	18	18	18						
Human Relations Mgt.	8	31	38	34						
Law	6	16	18	18						
Professional Advising	7	18	24	21						
Author-Journalism	6	14	24	18						
Academic Achievement	3	1	3	2						
Technical Writing	5	21	31	24						
Independence	8	24	24	24						
Planfulness	5	10	12	10						
Interpersonal Confidence	9	10	21	16						

Each of the names in the **Scale** column represents an area of interest. The column labelled **Raw Score** lists the number of activities you preferred in each area. The three **Percentile** columns show how your raw scores compare to those of the females, males, as well as the combined females and males, in a large group of students and young adults. Each percentile score is the percentage of people that received a raw score less than yours. The bars at the right illustrate the scores in the **Combined Percentile** column. Use the longer bars to identify your areas of greatest interest. Short bars show you the areas in which you are not interested. Bars that end in the middle indicate that your interest in that area is about average.

Basic Interest Scale Descriptions

Scale	Description
Creative Arts	Interested in arranging materials in an aesthetically pleasing manner; enjoys being creative and original in the applied or fine arts, for example in music, drawing or decorating.
Performing Arts	Enjoys performing for an audience.
Mathematics	Enjoys working with mathematical formulas and quantitative concepts; interested in performing computations and in planning and applying mathematical methods to the solution of problems.
Physical Science	Interested in the systematic investigation of various aspects of nonliving nature, for example, chemistry, physics, geology or astronomy.
Engineering	Interested in the designing, testing or manufacturing of a wide variety of products; applies scientific principles to the solution of practical problems.
Life Science	Interested in investigating various aspects of living organisms.
Social Science	Interested in investigating and learning about various aspects of the organization of society, human behaviour, and social interaction.
Adventure	Enjoys novel situations; seeks out the unusual or dangerous.
Nature-Agriculture	Likes to work outdoors with animals or plants.
Skilled Trades	Prefers working with hands or with machines, usually in making or repairing some product.
Personal Service	Enjoys providing direct services to individuals, e.g., travel guide or cosmetician.
Family Activity	Enjoys domestic activities, likes to take an active part in family life and child care, in decorating and caring for a home and garden, entertaining guests, and related activities.
Medical Service	Interested in working toward promoting health and curing disease in individuals.
Dominant Leadership	Prefers a forceful aggressive style of leadership. Enjoys a position of authority in which active, direct supervision and criticism of the work of others is involved.
Job Security	Prefers a job with a definite and predictable future. Avoids taking social or economic risks on the job.
Stamina	Reports a willingness to work at a task for long hours without rest. Perseveres in the face of difficulty. Is likely to be challenged by difficult, involved assignments.
Accountability	Reports a preference for working environments requiring a high degree of integrity and traditional virtues.

Basic Interest Scale Descriptions (continued)

Scale	Description
Teaching	Interested in teaching a specific subject.
Social Service	Interested in helping troubled people cope with their problems.
Elementary Education	Enjoys teaching or caring for young children.
Finance	Interested in meeting the financial needs of the public, in solving financial problems, and in investment and trade.
Business	Interested in the day-to-day functioning of business and commercial organizations.
Office Work	Interested in clerical work and in activities involving detail, usually in a business context.
Sales	Interested in selling; likes to work with and to attempt to influence other people.
Supervision	Interested in planning, organizing and coordinating the activities of others. Enjoys holding a position of managerial responsibility.
Human Relations Mgt.	Enjoys acting as "the person in the middle" between people in conflict; enjoys resolving interpersonal situations, including those which are difficult or emotionally charged.
Law	Interested in legal matters.
Professional Advising	Enjoys counselling and giving expert advice.
Author-Journalism	Likes to be creative and original in writing; enjoys writing for a general audience.
Academic Achievement	Is interested in scholarly activities, particularly of a verbal nature. Reports systematic study habits.
Technical Writing	Enjoys writing detailed, factual reports, manuals, or essays about scientific, technical, legal, or historical matters.
Independence	Prefers working in an environment free from restraints and close supervision. Feels confined by rules and regulations. Would rather find own solutions to problems than seek advice from others.
Planfulness	Is organized in work habits and prefers working in an environment in which activities occur in an expected sequence.
Interpersonal Confidence	Prefers a working environment requiring a high degree of self-assurance in dealings with others. Reports not being afraid of meeting strangers and speaking with confidence about a variety of topics. Believes in own ability to accomplish most interpersonal tasks undertaken.

General Occupational Themes

Studies with the JVIS have revealed 10 general patterns of interest. These patterns reflect general orientations to the world of work, rather than specific interests in particular areas. Your scores on these 10 General Occupational Themes are plotted below.

Theme	Percentiles		Male Percentile Score				
	Female	Male	Low 0	20	Average 40	60	80
Expressive	50	58					
Logical	79	46					
Inquiring	31	27					
Practical	95	95					
Assertive	18	16					
Socialized	38	34					
Helping	12	46					
Conventional	62	66					
Enterprising	31	34					
Communicative	4	8					

Descriptions of each of the themes in the **Theme** column can be found on the following pages. The two **Percentile** columns compare your General Occupational Theme scores to the females, and then the males, in a large group of students and young adults. Each percentile score is the percentage of people that received a score less than yours. The bars at the right illustrate how your General Occupational Theme scores compare to people of your own sex.

General Occupational Theme Descriptions

Theme	Description
Expressive	If you scored high on this theme, you will likely be considered artistic by others, even if you are not presently engaged in any artistic work. You will likely enjoy creative activities such as drama, music, writing, visual art, or any of the applied or fine arts. You will also enjoy the creative work of others. High scorers tend to consider themselves perceptive, inventive, sensitive, imaginative, and aware of their environments. People in the arts receive high scores on this theme, but many others combine this theme with others in finding expression for their interests.
Logical	High scorers enjoy rational abstract thought that is characterized by testable generalizations, deductive reasoning, and precision. They enjoy the challenge of difficult intellectual work, particularly in the areas of mathematics and physical sciences, and in applications such as engineering, work with computers, as well as a variety of other areas where quantitative and exacting work is required. If you scored high on this theme, you may prefer working with the physical world and abstract ideas to working primarily with people.
Inquiring	A high score on this theme indicates that you have a great deal of curiosity about your environment, living things, other people and social institutions. You have a desire to learn about many areas of knowledge, and may be described as investigative, intellectually probing, and reflective. Consider entering one of the social or biological sciences, one of the professions, or combine this theme with others when choosing a career.
Practical	If you scored high on this theme, you are likely to enjoy activities requiring physical or mechanical skill -- seeking satisfaction from the quality of your work, rather than from exercising influence or power over others. You are also likely to enjoy outdoor work and not to be overly concerned about physical risks. You may tend to avoid activities that require you to be the centre of attention, and may prefer practical arts to the world of abstract ideas. You are also likely to enjoy close family ties and may enjoy arranging for the comfort and well-being of others. High scorers can be found in a wide variety of activities, such as agriculture, skilled trades, and service occupations.
Assertive	A high score on this theme may indicate a preference for working in situations in which you can exercise control, and where your authority is clearly defined. You may enjoy exercising authority over others, and will do so self-confidently, without the need to seek advice or assistance. High scorers may sometimes be seen as outspoken and direct with others, and will enjoy working with others, especially in a dominant role. People working in environments, such as the military, where this style of leadership is appropriate, frequently receive high scores on this theme.
Socialized	If you scored high on this theme, you are likely to be regarded as a responsible, stable worker -- disciplined, prompt, systematic and deliberate, but not usually creative. You would rather be confident about a relatively certain future at a predictable salary, than accept the uncertainty of a riskier but possibly more rewarding prospect. You will likely favour occupations that offer stability and reward traditional virtues.

General Occupational Theme Descriptions

(Continued)

Theme	Description
Helping	People with high scores on this theme express a genuine concern for others, particularly those with problems or requiring assistance. High scorers enjoy social interaction, giving advice, and may be described as benevolent, comforting, sympathetic, supporting, charitable, assisting and cooperative. If you scored high on this theme, consider occupations in which you may take a direct role in helping, serving or teaching others.
Conventional	If your score on this theme is high, you may prefer a well-defined role in a business or other larger organization. You will likely enjoy the day-to-day operations of a business, such as operating an office, selling products, making decisions, and supervising others. You may prefer working in a smoothly running organization to working in a highly-charged or variable environment. You may also thrive on detail, preferring not to be required to be highly creative, nor to work at tasks involving mechanical skill, discomfort, or physical risk.
Enterprising	Scoring high on this theme indicates that you will likely enjoy work involving talking with others, especially if the purpose of that discussion is to persuade or influence. Self-confident, rarely shy in difficult situations, dominant, forceful; high scorers are usually interested in the marketing or management aspects of business, rather than in the details of daily operation or in particular specialties. They are often motivated by the conventional symbols of social status -- money, influence and prestige -- rather than by other forms of recognition. In addition to business, high scorers can be found in the legal profession, administration, public relations, diplomacy, and related areas.
Communicative	If you scored high on this theme, you will tend to be interested in ideas and in communicating these ideas to others. You are likely to enjoy serious expressions of thoughts, reading, attending lectures, studying, or engaging in intellectual discussions. Your enjoyment of communication may focus more on the formulation and expression of concepts than on the entertainment of others. High scorers tend to be described as intellectual, articulate, and well-informed, having a broad range of interests. Professional writers score highly on this theme. However, since communication is important in a wide range of occupations, many others score highly as well.

Academic Satisfaction

Your Academic Satisfaction score reflects the degree of similarity between your profile and that of an average university student who is engaged in a traditional academic and/or scientific course of study. It is not a measure of your ability to do university level work, nor can it predict your success as a university student. Instead, it provides an indication of the degree to which you might enjoy scholarly activities such as serious reading, studying, doing research and assignments, etc.

	Score	%ile	Percentile					
			0	20	40	60	80	99
Academic Satisfaction	421	21	█					

The average score is 500. Approximately two thirds of high school and college students score between 400 and 600. The percentile figure and bar graph show you the percentage of a large group of students that received a score lower than yours.

Similarity to College Students

JVIS profiles from over 10,000 university students who were enrolled in more than 150 different major fields, ranging from accounting to zoology, have been collected and analyzed. That analysis indicated that the major fields could be classed into 17 broad academic clusters. Each cluster is based on data from both males and females and represents a set of educational majors that shared a similar pattern of JVIS scores.

The chart below ranks the similarity of your JVIS Basic Interest profile to each of the student clusters. A high score indicates that your pattern of interests is similar to students in the fields of concentration defining the cluster, while a low score indicates dissimilarity. These scores indicate your probable interest and satisfaction with these academic clusters. These scores do not tell you whether or not you will be successful in any particular field.

Score	Similarity	University Major Cluster
+0.62	Very Similar	Environmental Resource Management
+0.55	Similar	Health, Physical Education and Recreation
+0.39	Moderately Similar	Agribusiness and Economics
+0.37	Moderately Similar	Art and Architecture
+0.30	Moderately Similar	Food Science
+0.12	Neutral	Engineering
+0.03	Neutral	Science
-0.03	Neutral	Computer Science
-0.08	Neutral	Performing Arts
-0.12	Neutral	Social Service
-0.12	Neutral	Health Services and Science
-0.19	Neutral	Mathematical Sciences
-0.25	Neutral	Business
-0.25	Dissimilar	Communication Arts
-0.30	Dissimilar	Behavioural Science
-0.32	Dissimilar	Education
-0.54	Dissimilar	Social Science, Law and Politics

Your JVIS profile is most similar to college students whose academic areas of specialization are in the three clusters listed below. Sample majors for each of these three areas are also listed.

University Major Cluster	Sample Majors
Environmental Resource Management	Wildlife Technology, Recreation and Parks, Environmental Resource Management, Agricultural Business Management, Agriculture, Forest Science and Technology, Horticulture.
Health, Physical Education and Recreation	Health and Physical Education, Recreation and Parks.
Agribusiness and Economics	Agricultural Economics and Rural Sociology, Agricultural Business Management, Food Service and Housing Administration.

Similarity to Job Groups

Ranked below is the similarity of your JVIS Basic Interest profile to the interests of people working in 32 job groups. A positive score indicates that your profile shows some degree of similarity to those already in the job cluster, while a negative score indicates dissimilarity.

Score	Similarity	Job Group
+0.61	Very Similar	Agriculturalists
+0.53	Similar	Construction/Skilled Trades
+0.35	Moderately Similar	Machining/Mechanical and Related Occupations
+0.34	Moderately Similar	Occupations in Fine Art
+0.31	Moderately Similar	Service Occupations
+0.30	Moderately Similar	Occupations in Life Sciences
+0.28	Moderately Similar	Sport and Recreation Occupations
+0.28	Moderately Similar	Occupations in Commercial Art
+0.28	Moderately Similar	Protective Services Occupations
+0.23	Neutral	Health Service Workers
+0.19	Neutral	Medical Diagnosis and Treatment Occupations
+0.18	Neutral	Assembly Occupations-Instruments & Small Products
+0.17	Neutral	Occupations in Music
+0.13	Neutral	Engineering and Technical Support Workers
+0.10	Neutral	Occupations in Entertainment
+0.10	Neutral	Occupations in the Physical Sciences
+0.09	Neutral	Occupations in Computer Science
-0.03	Neutral	Mathematical and Related Occupations
-0.05	Neutral	Occupations in Pre-school and Elementary Teaching
-0.07	Neutral	Clerical Services
-0.09	Neutral	Occupations in Merchandising
-0.13	Neutral	Sales Occupations
-0.14	Neutral	Teaching and Related Occupations
-0.18	Neutral	Occupations in Accounting, Banking and Finance
-0.23	Neutral	Occupations in Writing
-0.30	Dissimilar	Personnel/Human Management
-0.35	Dissimilar	Occupations in Religion
-0.35	Dissimilar	Administrative and Related Occupations
-0.42	Dissimilar	Occupations in Law and Politics
-0.44	Dissimilar	Counsellors/Student Personnel Workers
-0.55	Dissimilar	Occupations in Social Science
-0.59	Dissimilar	Occupations in Social Welfare

Descriptions, sample job titles and suggested readings for each of your three highest ranked job groups are presented on the next six pages. Remember, the ranking of these job groups reflects the similarity of your JVIS Basic Interest profile to those of people employed in these areas. The ranking is not a reflection of your ability to perform any required duties or to benefit from training in these areas. You may find this information useful in planning your education and your career. Your counsellor or adviser can be of help to you in this process.

In the descriptions that follow, *National Occupational Classification* (NOC) codes are listed along with sample job titles. Use these codes to locate additional information in the *NOC Occupational Descriptions* volume. There, you will find information about the sample job titles, as well as related job titles bearing the same, or a similar, NOC code. You will find that the skill type, major, minor and unit group numbers identified in this report will aid in locating occupations about which you will wish to learn more. The *NOC Occupational Descriptions* volume may be found at your local library, your counsellor's office, or at the Internet site <http://www5.hrsdc.gc.ca>. Additional information can be found in the suggested readings listed along with each of your top three job groups.

1. Agriculturalists

This group of occupations relates to farming and/or raising animals. Individuals working on a farm or ranch would have a wide range of responsibilities, such as planting and harvesting crops, applying pesticides and fertilizers, feeding and taking care of livestock, and operating heavy machinery such as tractors. Individuals working in forestry manage forested lands for economic, recreational, and conservation purposes. An interest in animals might lead to becoming a Veterinarian or an Animal Breeder. People in this group typically score high on the Nature-Agriculture, Family Activity, Skilled Trades, Life Science, and Accountability scales of the JVIS. Listed below is a sample of some of the occupations available in this area. Both post-secondary education and on-the-job training is available for many of these jobs. To learn more about the occupations that make up this job group, search the complete NOC listings at <http://www5.hrsdc.gc.ca>.

NOC Major Group 2 - Natural and Applied Sciences and Related Occupations

NOC Major Group 3 - Health Occupations

NOC Major Group 6 - Sales and Service Occupations

NOC Major Group 8 - Occupations Unique to Primary Industry

<u>NOC Code</u>	<u>Description</u>
2115	Other Professional Occupations in Physical Sciences (e.g. Soil Scientist)
2121	Biologists and Related Scientists (e.g. Park Naturalist)
2122	Forestry Professionals (e.g. Forester)
2152	Landscape Architects (e.g. Landscape Architect)
2221	Biological Technologists and Technicians (e.g. Agricultural Technician)
2223	Forestry Technologists and Technicians (e.g. Conservation Technician - Forestry, Forest Technician, Forest Fire Technician)
3114	Veterinarians (e.g. Veterinarian)
6483	Pet Groomers and Animal Care Workers (e.g. Animal Trainer)
8251	Farmers and Farm Managers (e.g. Farmer & Rancher, Animal Breeder)
8254	Nursery and Greenhouse Operators and Managers (e.g. Nursery & Greenhouse Manager)
8262	Fishing Vessel Skippers and Fishermen/women (e.g. Fisherman/woman)
8422	Silviculture and Forestry Workers (e.g. Tree Pruner & Spacer)
8612	Landscaping and Grounds Maintenance Labourers (e.g. Landscape & Grounds Maintenance Worker)

Suggested Readings

1. **Careers for Animal Lovers.** Miller, Louise. McGraw-Hill. 2007. ISBN: 0071476156.
2. **Careers in the Environment.** Fasulo, Michael; Walker, Paul. McGraw-Hill. 2007. ISBN: 0071476113.
3. **Good Crop / Bad Crop: The Privatization of the Seed System and the Future of Canadian Agriculture.** Kuyek, Devlin. Between the Lines. 2007. ISBN: 1897071213.
4. **Opportunities in Landscape Architecture, Botanical Gardens, and Arboreta Careers.** Camenson, Blythe. McGraw-Hill. 2007. ISBN: 0071476083.
5. **Careers in Focus: Animal Care.** Staff Ferguson. Ferguson Publishing Company. 2006. ISBN: 0816065861.
6. **Choosing A Conservation Vocation or a Bureaucratic Career: Your Personal Choices and the Environmental Consequences.** Kroger, Richard. Trafford Publishing. 2006. ISBN: 1412070090.
7. **Ferguson's Careers in Focus: Agriculture.** Ferguson Publishing Company. Ferguson Publishing Company. 2006. ISBN: 0816065853.
8. **Opportunities in Marine Science and Maritime Careers.** Heitzmann, William Ray. McGraw-Hill. 2006. ISBN: 0071448519.
9. **Careers for Plant Lovers & Other Green Thumb Types.** Camenson, Blythe. McGraw-Hill. 2004. ISBN: 0071408975.
10. **Opportunities in Biological Science Careers.** Winter, Charles A. McGraw-Hill. 2004. ISBN: 007143187X.
11. **The ECO Guide to Careers that Make a Difference: Environmental Work For A Sustainable World.** Environmental Careers Organization. Island Press. 2004. ISBN: 1559639679.
12. **Great Jobs for Biology Majors.** Camenson, Blythe. McGraw-Hill. 2003. ISBN: 0071408983.
13. **Opportunities in Forestry Careers.** Wille, Christopher M. McGraw-Hill. 2003. ISBN: 0071411518.
14. **Great Jobs for Environmental Studies Majors.** DeGalan, Julie; Middlekauff, Bryon. McGraw-Hill. 2002. ISBN: 0658016520.

Agriculturalists (continued)

Suggested Readings (continued)

15. **Opportunities in Environmental Careers.** Fanning, Odom. McGraw-Hill. 2002. ISBN: 0071387226.
16. **Careers for Environmental Types & Others Who Respect the Earth.** Fasulo, Michael; Kinney, Jane. McGraw-Hill Companies. 2001. ISBN: 0658016482.
17. **Careers for Nature Lovers & Other Outdoor Types.** Miller, Louise. McGraw-Hill. 2001. ISBN: 0658010697.
18. **Careers with Animals.** Pavia, Audrey. Barron's Educational Series. 2001. ISBN: 0764116215.
19. **Landscape Architect's Portable Handbook.** Dines, Nicholas T.; Brown, Kyle D. McGraw-Hill Professional. 2001. ISBN: 0071344225.
20. **The New Complete Guide to Environmental Careers.** Sharp, Bill; Environmental Careers Organization. Island Press. 2001. ISBN: 1559631791.
21. **Careers for Animal Lovers & Other Zoological Types.** Miller, Louise. McGraw-Hill. 2000. ISBN: 0658004638.
22. **Outdoor Careers: Exploring Occupations in Outdoor Fields.** Shenk, Ellen. Stackpole Books. 2000. ISBN: 0811728730.
23. **Working with Wildlife: A Guide to Careers in the Animal World.** Maynard, Thane; Goodall, Jane. Franklin Watts. 2000. ISBN: 0531164152.

Guidance Centre Monographs

Information relevant to this area of interest can be found in the Guidance Centre Career Monographs. These monographs can be found at your local library, your counsellor's office, or can be ordered from University of Toronto Press, 5201 Dufferin St, North York, ON, M3H 5T8. They can also be ordered by telephone at 1-800-565-9523 or by e-mail at utpbooks@utpress.utoronto.ca. In particular, look for the following titles: **Agricultural Commodity Inspector, Agrologist, Animal Care Attendant, Arborist, Beekeeper, Farmer, Farrier, Fisher, Forester, Forest Technician, Fruit Grower, Horticulturist, Mushroom Grower, Poultry Farmer, Veterinarian, Veterinary Technician.**

Organizations

1. Agricultural Institute of Canada. 280 Albert Street, Suite 900, Ottawa, ON, K1P 5G8. (<http://www.aic.ca/>)
2. Canadian Aquaculture Industry Alliance. P.O. Box 81100, World Exchange Plaza, Ottawa, ON, K1P 1B1. (<http://www.aquaculture.ca/>)
3. Canadian Egg Marketing Agency. 112 Kent Street, Suite 1501, Ottawa, ON, K1P 5P2. (www.canadaegg.ca)
4. Canadian Forestry Association. 1027 Pembroke Street E, Pembroke, ON, K8A 3M4. (<http://www.canadianforestry.com/>)
5. Canadian Horticultural Council. 9 Corvus Court, Ottawa, ON, K2E 7Z4. (<http://www.hortcouncil.ca/>)
6. Canadian Society for Bioengineering. P.O. Box 23101 RPO McGillivray, Winnipeg, MB, R3T 5S3. (www.bioeng.ca)
7. Canadian Veterinary Medical Association. 339 Booth Street, Ottawa, ON, K1R 7K1. (<http://canadianveterinarians.net/>)
8. Dairy Farmers of Canada. 75 Albert Street, Suite 1101, Ottawa, ON, K1P 5E7. (www.dairygoodness.ca)
9. Friends of the Earth. 300-260 St. Patrick Street, Ottawa, ON, K1N 5K5. (<http://www.foecanada.org/>)
10. National Farmers Union. 2717 Wentz Avenue, Saskatoon, SK, S7K 4B6. (<http://www.nfu.ca/>)

Activities

1. Get hands-on experience working on a farm.
2. Interview a local breeder of hamsters, rabbits, guinea pigs, cats, or dogs.
3. Learn about the Canadian forestry industry at www.cif-ifc.org.
4. Learn more about growing plants in your own backyard by experimenting with various vegetable, herb, and floral gardens.
5. Visit a farm show or county fair.
6. Visit farms specializing in dairy cattle, livestock, grain, or vegetable growing.
7. Volunteer to help plant trees by visiting www.treecanada.ca.

2. Construction/Skilled Trades

This job group includes a variety of occupations that are involved in the making, building, assembling, and repairing of products, buildings, roads, bridges, and machinery. Carpenters, Stonemasons, and Boilermakers, for example, may work with various materials, such as wood, stone, metal, and plastic. Individuals working in construction may use tools such as cement mixers and air hammers, and/or operate heavy machinery, such as bulldozers. People in these trades tend to show high scores in Skilled Trades, Engineering, Family Activity, Adventure, and Nature-Agriculture. Listed below is a sample of some of the occupations available in this area. Many of these jobs provide apprenticeships and on-the-job training. To learn more about the occupations that make up this job group, search the complete NOC listings at <http://www5.hrsdc.gc.ca>.

NOC Major Group 0 - Management Occupations

NOC Major Group 2 - Natural and Applied Sciences and Related Occupations

NOC Major Group 7 - Trades, Transport and Equipment Operators and Related Occupations

NOC Major Group 9 - Occupations Unique to Processing, Manufacturing and Utilities

<u>NOC Code</u>	<u>Description</u>
0711	Construction Managers (e.g. Construction Manager)
2244	Aircraft Instrument, Electrical and Avionics Mechanics, Technicians and Inspectors (e.g. Radio and Electronic Overhaul and Repair Mechanic - Avionics)
2264	Construction Inspectors (e.g. Construction & Building Inspector)
7241	Electricians (Except Industrial and Power System) (e.g. Electrician)
7251	Plumbers (e.g. Plumber)
7271	Carpenters (e.g. Carpenter)
7281	Bricklayers (e.g. Brickmason & Stonemason)
7284	Plasterers, Drywall Installers and Finishers and Lathers (e.g. Drywall & Ceiling Installer, Plasterer & Stucco Lather)
7294	Painters and Decorators (e.g. Painter, Construction & Maintenance)
7295	Floor Covering Installers (e.g. Carpet Installer)
7411	Truck Drivers (e.g. Truck Driver, Heavy & Tractor-Trailer)
7611	Construction Trades Helpers and Labourers (e.g. Construction Labourer)
9481	Aircraft Assemblers and Aircraft Assembly Inspectors (e.g. Rigger - Aircraft Assembly)

Suggested Readings

1. **Opportunities in Building Construction Careers.** Sumichrast, Michael. McGraw-Hill. 2007. ISBN: 0071482059.
2. **Opportunities in Carpentry Careers.** Sheldon, Roger. McGraw-Hill. 2007. ISBN: 0071476067.
3. **Top Careers in Two Years: Construction and Trades.** Porterfield, Deborah. Ferguson Publishing Company. 2007. ISBN: 0816068976.
4. **250 Best Jobs Through Apprenticeships.** Farr, Michael; Shatkin, Laurence. Jist Publishing. 2005. ISBN: 1593571739.
5. **Construction Contracting: A Practical Guide to Company Management.** Clough, Richard H.; Sears, Glenn A.; Sears, S. Keoki. Wiley. 2005. ISBN: 0471449881.
6. **Construction Management.** Halpin, Daniel W. Wiley. 2005. ISBN: 0471661732.
7. **Master Plumber.** Rudman, Jack. National Learning Corp. 2005. ISBN: 0837304768.
8. **New Canadian Wood Frame House Construction.** Canada Mortgage and Housing. C.M.H.C. 2005. ISBN: 0660195356.
9. **Opportunities in Arts and Crafts Careers, revised edition.** Gardner, Elizabeth. McGraw-Hill. 2005. ISBN: 0071448497.
10. **Machinery's Handbook.** Jones, Franklin; Ryffel, Henry; Oberg, Erik; McCauley, Christopher; Heald, Ricardo. Industrial Press. 2004. ISBN: 0831127007.
11. **Handyman's Handbook: The Complete Guide to Starting and Running a Successful Business.** Koenigsberg, David. McGraw-Hill Professional. 2003. ISBN: 0071416706.
12. **Running a Successful Construction Company.** Gerstel, David. Taunton Press. 2002. ISBN: 1561585300.
13. **Careers for Hard Hats & Other Constructive Types.** Gisler, Margaret; Eberts, Marjorie. McGraw-Hill Companies. 2001. ISBN: 0658010646.

Construction/Skilled Trades (continued)

Suggested Readings (continued)

14. **Railway Maintenance Equipment: The Men and Machines That Keep the Railroads Running.** Solomon, Brian. MBI. 2001. ISBN: 0760309752.
15. **Opportunities in Metalworking Careers.** Rowh, Mark. McGraw-Hill. 2000. ISBN: 0658001981.
16. **Carpentry for Dummies.** Hamilton, Gene; Hamilton, Katie; Barnhart, Roy. John Wiley & Sons Canada, Ltd. 1999. ISBN: 0764551752.
17. **Markup & Profit: A Contractor's Guide.** Stone, Michael C. Craftsman Book Company. 1999. ISBN: 1572180714.
18. **You're Certifiable: The Alternative Career Guide to More Than 200 Certificate Programs, Trade Schools, and Job Opportunities.** Naftali, Lee; Naftali, Joel. Fireside. 1999. ISBN: 0684849968.

Guidance Centre Monographs

Information relevant to this area of interest can be found in the Guidance Centre Career Monographs. These monographs can be found at your local library, your counsellor's office, or can be ordered from University of Toronto Press, 5201 Dufferin St, North York, ON, M3H 5T8. They can also be ordered by telephone at 1-800-565-9523 or by e-mail at utpbooks@utpress.utoronto.ca. In particular, look for the following titles: **Brake Worker, Boilermaker, Bricklayer, Cabinet Maker, Carpenter, Cement Mason, Crane Operator, Electrician, General Contractor, Glazier, Insulator, Lather, Plasterer, Plumber, Railway Ironworker, Roofer, Tilesetter, Welder, Woodworker.**

Organizations

1. Canadian Construction Association. 75 Albert Street, Suite 400, Ottawa, ON, K1P 5E7. (<http://www.cca-acc.com/>)
2. Canadian Electrical Contractors Association. 170 Attwell Drive, Suite 460, Toronto, ON, M9W 5Z5. (<http://www.ceca.org/>)
3. Canadian Institute of Plumbing and Heating. 295 The West Mall, Suite 330, Toronto, ON, M9C 4Z4. (<http://www.ciph.com/>)
4. Canadian Masonry Centre. 360 Superior Boulevard, Mississauga, ON, L5T 2N7. (<http://www.canadamasonrycentre.com/home.asp>)
5. Cement Association of Canada. 1500-60 Queen Street, Ottawa, ON, K1P 5Y7. (<http://www.cement.ca/cement.nsf>)
6. Ontario General Contractors Association. 6299 Airport Road, Suite 703, Mississauga, ON, L4V 1N3. (<http://www.ogca.ca/>)
7. Skills Canada. 260 Saint Raymond Boulevard, Suite 205, Gatineau, PQ, J9A 3G7. (<http://www.skillscanada.com/>)

Activities

1. Explore Careers In Construction at www.careersinconstruction.ca. This site gives information on 36 skilled trades, the job market, and apprenticeships.
2. Gain hands-on experience by getting a summer job doing construction work.
3. Join a humanitarian organization such as Habitat for Humanity to help build houses for families in need. Visit www.habitat.org to get involved.
4. Volunteer to help a family member or a neighbour with painting, home renovations, and home repair and maintenance.

3. Machining/Mechanical and Related Occupations

These occupations are concerned with the operating, controlling, and setting up of machines to cut, shape, and/or print such materials as metal, paper, wood, and stone. There are a wide variety of jobs in this field of mechanically oriented work, such as Tool and Die Maker, Machinist, Printer, and Electrician. People in this occupational group tend to have high interests in the JVIS areas of Skilled Trades, Engineering, Mathematics, Creative Arts, and Physical Science. Listed below is a sample of some of the occupations available in this area. Job training and apprenticeships are usually available on the job; however, some may require specialized training or education. To learn more about the occupations that make up this job group, search the complete NOC listings at <http://www5.hrsdc.gc.ca>.

NOC Major Group 5 - Occupations in Art, Culture, Recreation and Sport

NOC Major Group 6 - Sales and Service Occupations

NOC Major Group 7 - Trades, Transport and Equipment Operators and Related Occupations

NOC Major Group 9 - Occupations Unique to Processing, Manufacturing and Utilities

<u>NOC Code</u>	<u>Description</u>
5227	Support Occupations in Motion Pictures, Broadcasting and the Performing Arts (e.g. Motion Picture Projectionist)
6663	Janitors, Caretakers and Building Superintendents (e.g. Building Maintenance Worker)
7231	Machinist and Machining and Tooling Inspectors (e.g. Machinist)
7232	Tool and Die Makers (e.g. Tool & Die Maker)
7252	Steamfitters, Pipefitters and Sprinkler Systems Installers (e.g. Pipefitter & Steamfitter)
7262	Boilermakers (e.g. Boilermaker)
7265	Welders and Related Machine Operators (e.g. Welder, Brazer & Welder Fitter)
7311	Construction Millwrights and Industrial Mechanics (e.g. Industrial Mechanic, Millwright)
7321	Automotive Service Technicians, Truck and Bus Mechanics and Mechanical Repairers (e.g. Automotive Mechanic)
7334	Motorcycle and Other Related Mechanics (e.g. Motorcycle Mechanic)
7351	Stationary Engineers and Auxiliary Equipment Operators (e.g. Stationary Engineer & Boiler Operator)
9463	Fish Plant Workers (e.g. Fish Cutting Machine Setter, Operator & Tender)
9486	Mechanical Assemblers and Inspectors (e.g. Automotive Engines Assembler)
9616	Labourers in Textile Processing (e.g. Textile Machines Feeder)

Suggested Readings

1. **Careers in Focus: Mechanics.** Ferguson, Ferguson Publishing Company. 2008. ISBN: 0816072752.
2. **Sink or Swim in the Machine Shop.** Lipton, Thomas. Industrial Press. 2008. ISBN: 0831133627.
3. **Canada Clothing & Textile Industry Handbook.** USA International Business Publications. International Business Publications. 2007. ISBN: 1433005441.
4. **Careers for Scientific Types & Others with Inquiring Minds.** Goldberg, Jan. McGraw-Hill. 2007. ISBN: 0071476180.
5. **Career Opportunities in the Automotive Industry.** Kennedy, Michael. Facts on File. 2005. ISBN: 0816052476.
6. **Machine Shop Trade Secrets: A Guide to Manufacturing Machine Shop Practices.** Harvey, James. Industrial Press, Inc. 2005. ISBN: 0831132272.
7. **Machinery's Handbook.** Jones, Franklin; Ryffel, Henry; Oberg, Erik; McCauley, Christopher; Heald, Ricardo. Industrial Press. 2004. ISBN: 0831127007.
8. **Milling: A Complete Course.** Hall, Harold. Nexus Special Interest, Ltd. 2004. ISBN: 1854862324.
9. **Careers for Car Buffs & Other Freewheeling Types.** Lee, Richard S.; Lee, Mary Price. McGraw-Hill. 2003. ISBN: 007141147X.
10. **Machine Tool Practices Canadian Edition.** Kibbe, Richard R.; Neely, John E.; Meyer, Roland O.; White, Warren T.; Bonkoski, Mark; Bradshaw, Paul. Pearson Education Canada. 2003. ISBN: 0130358371.
11. **The WetFeet Insider Guide to Careers in Manufacturing.** WetFeet. Wetfeet. 2003. ISBN: 1582073759.
12. **Careers for Hard Hats & Other Constructive Types.** Gisler, Margaret; Eberts, Marjorie. McGraw-Hill. 2001. ISBN: 0658010646.
13. **Opportunities in Automotive Service Careers.** Weber, Robert M. McGraw-Hill. 2001. ISBN: 0071381953.
14. **Opportunities in Metalworking Careers.** Rowh, Mark. McGraw-Hill. 2000. ISBN: 0658002007.
15. **Opportunities in Petroleum Careers.** Krueger, Gretchen D. McGraw-Hill. 1999. ISBN: 0844265500.

Machining/Mechanical and Related Occupations (continued)

Guidance Centre Monographs

Information relevant to this area of interest can be found in the Guidance Centre Career Monographs. These monographs can be found at your local library, your counsellor's office, or can be ordered from University of Toronto Press, 5201 Dufferin St, North York, ON, M3H 5T8. They can also be ordered by telephone at 1-800-565-9523 or by e-mail at utpbooks@utpress.utoronto.ca. In particular, look for the following titles: **Aircraft Mechanic, Automobile Mechanic, Automobile Technician, Diesel Technician, Farm Equipment Mechanic, Gas/Oil Pipeline Operator, Lithographer, Machinist, Miner, Motorcycle Mechanic, Mould Maker, Oil Driller, Printing Technician, Refinery Process Operator, Refrigeration and Air Conditioning Mechanic, Tool and Die Maker, Welder.**

Organizations

1. Apprentice Trades. 116 Albert Street, Suite 812, Ottawa, ON, K1P 5G3. (<http://www.apprenticetrades.ca/>)
2. Canadian Automotive Repair and Service Council. 500-29 Camelot Drive, Nepean, ON, K2G 5W6. (<http://www.cars-council.ca/>)
3. Canadian Society for Mechanical Engineering. 1295 Highway 2 E, Kingston, ON, K7I 4V1. (<http://www.csme-scm.ca/>)
4. Canadian Tooling & Machining Association. 140 McGovern Drive, Unit 3, Cambridge, ON, N3H 4R7. (<http://www.ctma.com/>)
5. Canadian Welding Association. 2085 Hurontario Street, Suite 525, Mississauga, ON, L5A 4G1. (<http://www.cwa-ac.s.org/>)
6. International Brotherhood of Boilermakers. 1035 Sutton Drive, Burlington, ON, L7L 5Z8. (<http://www.ibblocal128.org/>)
7. International Technology Education Association. 1914 Association Drive, Suite 201, Reston, VA, 20191-1539. (<http://www.iteaconnect.org/>)
8. Mechanical Contractors Association of Canada. 280 Albert Street, Suite 804, Ottawa, ON, K1P 5G8. (<http://www.mcac.ca/>)
9. Skills Canada. 260 Saint Raymond Boulevard, Suite 205, Gatineau, PQ, J9A 3G7. (<http://www.skillscanada.com/>)
10. Society of Manufacturing Engineers. 3761 Victoria Park Avenue, Unit 1, Toronto, ON, M1W 3S2. (<http://www.sme.org/>)

Activities

1. Attend a machine tool show or another similar convention in your area.
2. Explore the website of the International Association of Machinists and Aerospace Workers at www.goiam.org.
3. Get hands-on experience and training and seek out an apprenticeship in your field of interest.
4. Look into co-op programs and other learning experiences that allow you to practice your skills.
5. Take on a do-it-yourself project in mechanics, installation, or repair under the supervision and guidance of someone knowledgeable in the area.
6. Talk to a machine shop, metal working and fabricating, or mechanics teacher.
7. Talk to a millwright, mould maker, tool and die maker, or a local heavy manufacturer.
8. Visit www.machinerynet.com for links to machining and mechanical resources.

Where To Go From Here

By completing a vocational interest instrument like the JVIS, you have taken the first step toward the thoughtful selection of your career. You have learned more about yourself, your vocational interests, and how they compare to people studying and working in a variety of career areas. However, in order to choose a career successfully, you will have to learn more about your areas of interest. Listed below are a variety of suggestions to help you explore your career options.

Books

While the books listed along with your top 3 job groups will help you learn more about those areas, general books can help you with the process of choosing a career, obtaining the necessary education, and conducting a job search.

The books listed below can be found at your local library or book store.

- A-Z of Careers and Jobs.** Hodgson, Susan. Kogan Page Ltd.. 2008. ISBN: 0749452552.
- What Color Is Your Parachute? 2008 Edition.** Bolles, Richard Nelson. Ten Speed Press. 2007. ISBN: 1580088688.
- The Career Directory 2007: Canada's 1,000 Best Employers for College and University Graduates.** Mediacorp Canada Inc.. 2006. ISBN: 1894450272.
- Careers for Competitive Spirits & Other Peak Performers.** Goldberg, Jan. McGraw-Hill. 2006. ISBN: 0071467769.
- New Guide for Occupational Exploration: Linking Interests, Learning, and Careers.** Farr, Michael J.; Shatkin, Laurence. Jist Works. 2005. ISBN: 1593571798.
- The Career Adventure: Your Guide to Personal Assessment, Career Exploration, and Decision Making.** Johnston, Susan M. Prentice Hall. 2005. ISBN: 0131149695.
- Majoring in the Rest of Your Life: Career Secrets for College Students, 4th Edition.** Carter, Carol. LifeBound. 2004. ISBN: 0974204420.
- Monster Careers: How to Land the Job of Your Life.** Hardy, Jeff; Taylor, Doug. Penguin. 2004. ISBN: 0142004367.
- Turning Points: Your Career Decision-Making Guide.** Ducat, Diane . Prentice Hall. 2002. ISBN: 0130421901.
- Career Exploration on the Internet: A Student's Guide to More Than 500 Web Sites.** Gabler, Laura R.. Ferguson Publishing . 2000. ISBN: 089434305X.
- Career Change: Everything You Need to Know to Meet New Challenges and Take Control of Your Career.** Helfand, David P. McGraw-Hill. 1999. ISBN: 0844242691.
- Majors Exploration: A Search and Find Guide for College and Career Direction.** Bradbury, Mary Jane; Reeves, Diane Lindsey. Prentice Hall. 1999. ISBN: 0130113794.

Where To Go From Here (continued)

Activities

Use the general activities listed below to structure your career exploration process. These activities are patterned on a career exploration process outlined in the Career Exploration Guide which can be found at JVIS.COM.

Gather Information About Yourself

- Take a look at your school marks to see what subject areas are your strongest. See how your marks relate to your top job groups and make decisions accordingly.
- Make a list of your skills, characteristics, interests, knowledge, experiences, values, and beliefs. Look into how to improve the skills that relate to your career matches.
- Make a list of the qualifications you have, i.e. courses, degrees, certificates, diplomas, and licenses. Check to see whether your qualifications match those required for the careers you are interested in.
- Explore your values and think about how your moral, political and religious beliefs may affect your career decisions.
- Consider how important public contact, compensation, opportunities for advancement, challenge, travel, work environment, location, family responsibilities, and hobbies are to you. Relate these preferences to your job groups.

Gather Information About Careers

- Check out the descriptions of occupations in your top three job groups and your other high job groups. Visit the National Occupational Classification at www23.hrdc-drhc.gc.ca, and the U.S. Occupational Outlook Handbook at www.bls.gov/oco.
- Check out the official job site of the Canadian federal government for valuable employment information at <http://jobs-emplois.gc.ca>.
- Explore your local library to find books, periodicals, newspapers and other resources related to your potential career paths.
- Visit Job Fairs in your area to learn more about what companies are hiring and what positions related to your high job groups are currently in demand.
- Watch educational movies on individuals in the careers that you may be interested in. Contact your local library, school or video store for a list of titles.
- Read magazines that focus on career trends and issues as well as on industries that relate to your top occupational interests.
- Find out what it is like to actually work in a certain occupation. Read interviews from people in careers that you may be interested in at www.jobprofiles.org.
- Explore an exhaustive list of career resources, career links and industry information on the web at www.rileyguide.com.

Start Decision Making and Action Planning

- Check out College and University Fairs to find schools that have programs that relate to your possible career path. Or search for suitable schools online at www.schoolfinder.com, www.canadian-universities.net, and www.campusstarter.com.
- Research ways to finance an education in the area that interests you. Visit www.studentawards.com for information on available scholarships and financial aid.
- Take extra classes that relate to your potential career path. Contact your local high schools, colleges, universities and private organizations for more information.
- Attend Resume Writing and Interview Workshops to prepare yourself for job searching.
- Get the work experience you need by being an intern in a position that matches your career interests. Visit www.careeredge.ca for more information on internship possibilities.
- Start searching for jobs in your field online. Check out www.jobpostings.ca, www.campusaccess.com, and www.workopolis.com for job listings, resume posting and more.

Administrative Indices

The following scores show how much confidence can be placed in your JVIS results. For most people, these scores fall in the normal range, indicating consistent and normal responses to the JVIS. If one of your scores falls outside the normal range, you should take a second look at your JVIS results. If you feel that your results do not reflect your true interests, you should talk to your counsellor about redoing the JVIS.

	Count	0	High
Unscorable Responses	0		

	Score	Low	Normal
Response Consistency Index	0.64		

	Score	%ile	Normal	High
Infrequency Index	18	76		

There were no unscorable responses. Both your Response Consistency Index and your Infrequency Index fall in the normal range, indicating that you responded consistently and that your responses fit a normal pattern.

If you have any questions about these administrative indices and their impact on your JVIS results, please see your counsellor.