



Kingdom Career Connect Workshop Descriptions

Fish in Your Future – Vermont Fish and Wildlife Department

In this workshop you will take part in trout dissection/biopsy. You will leave understanding the relationship between fish biology and land use.

Clusters: Agriculture, Food and Natural Resources, Science, Technology, Engineering and Mathematics

Food Systems Mapping - Reeve Basom, Center for an Agricultural Economy

In this workshop you will map food systems to explore the complexities in the story of getting food from farm to fork and back to farm. Beginning with taste testing and looking at food products to prompt deeper questions about the story of food, you will then work in small groups with a particular product to create a map of that food's system, followed by sharing of maps and discussion.

Cluster: Agriculture, Food and Natural Resources

Making Kingdom Trails - Matthew Brabender & Keara Kresser, Kingdom Trail Association

In this workshop you will learn some history about Kingdom Trail Association and what we do around the community. Then you will learn about the process of constructing a new trail through hands-on learning. You will get a chance to follow all the steps, and use the tools and techniques to build the "New Trail."

Clusters: Agriculture, Food and Natural Resources; Architecture and Construction; Hospitality and Tourism

VTrans Highway Maintenance - Andrew Casavant, Rob Sylvester, Shane Morin, Lance Duquette, Vermont Agency of Transportation

The Vermont Agency of Transportation (VTrans) plans, develops, implements, and manages a statewide transportation network - including roads, bridges, railroads, airports, park-and-rides, bicycle and pedestrian facilities, and public transportation facilities and services. In this workshop you'll have the opportunity to come see a plow truck in person – what does it take to drive one of these big machines? What kind of technology is inside the cab? Who fixes the trucks when things break? How do we get under the heavy equipment to fix it? Climb in the truck and see how big these machines are! Explore the Mechanics Van and tool set up, and you may also have the opportunity to run diagnostic tests, and maybe even operate the plow! Culverts are tunnels or pipes under the roadway to carry water (or utilities, or animals) away from the pavement and surrounding soil. When things are working right you may never know the culverts exist. But when things go wrong they go





really wrong! How do we see what is going on under the road and all that dirt? VTrans uses remote control Hydraulic Inspection Vehicle Explorers (HIVEs) to explore inside the culverts without having to dig it all up! Come learn more, see a HIVE in action, and maybe try your hand at driving one!

Clusters: Architecture and Construction; Government and Public Administration; Transportation, Distribution and Logistics

Apprenticeship Opportunities – Judy Bourbeau, VT Department of Labor

In this workshop you will learn about the opportunities to find a career that allows you to earn a paycheck in an occupation that is in demand. Apprentices receive nationally recognized credentials and earn college credits at no cost to you.

Clusters: Architecture and Construction; Business, Management and Administration; Health Science; Human Services; Manufacturing

Music Production – Brian Warwick, Northern Vermont University- Lyndon Music and Performing Arts

In this workshop you will learn how modern popular music is produced while creating your own music using audio production computer software.

Cluster: Arts, AV Technology and Communications

Writing and Reviewing Mysteries – Beth Kanell, Author

In this workshop we'll take apart a couple of mysteries to show the component parts, then look at how that lets us review them well, and write our own. Bring your "ideas notebook" for writing that all-important first paragraph — and figuring out the ending!

Cluster: Arts, AV Technology and Communications

Customs and Border Protection - Tod Phillabaum, Customs and Border Protection

In this workshop you will learn more about what Customs and Border Protection is and get a hands-on chance to try out some of their technology.

Clusters: Arts, AV Technology and Communications; Government and Public Administration; IT Information Technology; Law, Public Safety, Corrections and Security; Science, Technology, Engineering and Mathematics

A Career in Accounting – Bruce Hicken, VSAC Director of Finance/Controller

In this workshop you will hear a brief overview of careers in accounting, the educational track for entry, and get to take part in a hands on exercise in financial statement interpretation.

Clusters: Business, Management and Administration; Finance





What is Human Resources and How Can They Help Me Find a Job? - Steve Gronlund, Vermont Housing Finance Agency

In this workshop you will learn about the many components of HR, how it can help you in your life, and why you might want to consider it as a career.

Clusters: Business, Management and Administration; Education and Training; Human Services

Careers in Early Childhood Education – Chris Nelson, Vermont Association for the Education of Young Children

Early Childhood Education is an expanding career path with diverse role options. Come learn about opportunities for a career in educating and working with infants, toddlers, preschool and kindergarten age children in home based child care or early education centers.

Cluster: Education and Training

Do What You Love: Exploring Careers in Teaching/Education - Patricia Turner, M.Ed, VSAC Career and Education Outreach

Ever wonder how you become a phys ed teacher or coach? Maybe the library is your favorite place in the world...? Do you love reading to children? How about showing someone how to fix a bike, locate a planet, or solve an equation? Dream of being a guidance counselor or a principal? In this workshop we'll have some fun exploring careers in education, from pre-school to college and everything in between.

Cluster: Education and Training

Outdoor Education: Safety and Preparedness in Wild Water - Wyatt Peterson, NorthWoods Stewardship Center

A career in outdoor education is dynamic and exciting. In this workshop, you will get hands-on with preparations to embark on a water-based adventure! We will go over proper gear necessary for water recreation whether in a canoe, kayak or other vessel. We will also learn how to rescue a boat that is stuck in a river using ropes, carabiners and mechanical advantage.

Cluster: Education and Training

Interpreting the Objects of History – Scott Davison, American Precision Museum

In this workshop you will experiment with telling stories about important objects in history. You will learn the basic tenets and practices of being a good heritage interpreter that will prepare you for work in a museum or nature center.

Clusters: Education and Training; Hospitality and Tourism



Public Service and the Importance of Communications – Dylan Giambatista, Vermont Office of the State Treasurer

In this workshop you will be introduced to the concept of public service and constituent service with examples of the scenarios we face and the decision points public leaders must make.

Cluster: Government and Public Administration

A Hands-on Approach to Physical Therapy – Nic Tremblay, Northern Physical Therapy

In this workshop you will learn what physical therapy is, education required for PT and PTA positions, potential setting PTs and PTAs can work in, and interactive scenarios of typical physical therapy treatments.

Cluster: Health Science

Careers in Health Care - Amanda Colon, Northern Vermont Area Health Education Center

This workshop will offer a brief introduction to the various careers in the health care as well as the different educational tracks to explore to ensure success. As part of the workshop you will be able to try hands on materials such as blood pressure cuffs, stethoscopes, and a laparoscopic surgery simulator.

Cluster: Health Science

Emergency Medical Services - Jillian McLaughlin, Lyndon Rescue

In this workshop you will learn about the requirements to become an EMT and what a typical day is like. Hands on activities include how to use an AED and put on a tourniquet.

Cluster: Health Science

Stress Reduction for Helping Professionals – Jessica Smith, VSAC Career and Education Outreach

In this workshop you will practice a variety of mindfulness, stress reduction skills that are helpful for any helping professional for both self-care as well as to teach their clients and individual they are working with. This will primarily be an experiential workshop with a small amount of me sharing from the presenter about her my professional path to social work, being a therapist, to working at VSAC.

Cluster: Human Services



Computer Hardware – Michael Dente, Northern Vermont University Chief Technology Officer

In this workshop you will be placed into small groups and asked to open a computer and remove components and replace them. Both laptops and desktops will be present to show you the different sizes of computer components.

Cluster: IT Information Technology

Coding with Robots – Anita Long, PhD, VSAC Career and Education Outreach

In this workshop you'll work in teams to write code that will control the movements of a small robot.

Cluster: IT Information Technology

What is a Funtrepreneur? - Corey N Gottfried, LinCo Entertainment

In this workshop you will learn about how to make money while having fun from a presenter who is a singer, musician, DJ entertainer and a children's book author. You will get to try your hand at mixing songs with a small DJ setup and see what's it's like talking on a microphone to a group of people.

Cluster: Marketing, Sales and Service

Curious about Careers in Scientific Research? - Anna Prescott, PhD, VSAC

Do you love asking questions and figuring out how and why things happen? A career in scientific research might be for you! Come hear from two researchers—a biologist and an experimental psychologist—about what a career as a research scientist could look like for you and what kind of training you'll need to get there. The session will include a fun and interactive science demonstration and plenty of time for you to ask questions.

Cluster: Science, Technology, Engineering and Mathematics