



MARKETPLACE FOR KIDS EDUCATION DAY
Tuesday, May 14, 2019, 9:10 A.M. – 2:00 P.M.
NORTH DAKOTA STATE COLLEGE OF SCIENCE
WHPETON, ND

Please join us Tuesday, May 14, 2019 for your Marketplace for Kids Education Day. New class offerings are all recommendations from your students.

This year, we are processing registrations as they come in and will be mailing the registrations as soon as they are processed. Thank you.

General Schedule of the Education Day

A personalized schedule for each student will be printed on their name badge

***Note that these times are subject to change**

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|---------------------|-----------------------------|---------------------|--|
| 8:50 am – 9:10 am | Pre-Opening Music | 11:30 am – 11:55 am | All Students Attend Classes |
| 9:10 am – 9:30 am | Opening Rally | 11:55 am – 12:50 pm | Lunch & Hall of Great Ideas Showcase (All Students) |
| 9:45 am – 10:10 am | All Students Attend Classes | 1:00 pm – 1:25 pm | All Students Attend Classes |
| 10:20 am – 10:45 am | All Students Attend Classes | 1:40 pm – 2:00 pm | Closing Rally |
| 10:55 am – 11:20 am | All Students Attend Classes | | |

Class List and Description

Class A: Main Street ND

Learn HOW, WHAT, WHEN, & WHY to start your own 21st Century Business in today's technological world. Learn to recognize your strengths AND weaknesses and how to attract and retain the people you need to compete and succeed. 19

Class B: Who Wants to Be a Dental Assistant or Dental Hygienist?

This class will include a hands-on demo of several dental office procedures that Dental Assistants or Dental Hygienists do. What does an intra-oral camera look like and how is it used? What happens when you get x-rays in a dental office? What is infection control and how important is hand washing? How can I keep my teeth strong and healthy? **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

Class C: Welding in a Virtual World

Discover the world of welding in a virtual setting. Virtual welding is becoming more and more popular with individuals who want to try welding but have never had the chance. Here's your chance! **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

Class D: Do You Want to be a Nurse?

We will have stations for reflexes, looking in ears, Webbr & Rinne hearing test, listening to different lung sounds, running in place, and checking pulse & oxygen stats. **(This class is limited to a capacity of 24 students per session, per presenter request.)** 19

Class E: Virtual Reality

A look into the world of virtual reality and its applications. 19

Class F: EMS and What to Expect

Will go over the monitor with them along with other equipment and then bring them out to the ambulance to tour the truck. 19

Class G: Lessons About Money

Money plays an important role in our lives – we'll discuss how to make it, how to keep it, how to spend it and what money around the world looks like. We will get to look at currency from all over the globe. 19

Class H: Electrical Keychains

Students will make an electrical keychain from tools and materials that electricians and plumbers use every day. 19

Class I: Power Plant Puzzle

Students will pair up in a team building exercise that utilizes their mechanical skills. They assemble nuts, bolts, linkage, and PVC into a replica of an original puzzle. **(This class is limited to a capacity of 30 students per session, per presenter request.)** 19

Class J: Concrete 101

Have you ever wondered what components make up concrete? In concrete 101 students will learn how cement goes from a powder to our everyday driveways and buildings. Students will have the opportunity to perform a slump test and feel the texture of ready mix before it has hardened. The students will also get to see a ready-mix truck and how concrete is delivered to job sites. 19

Class K: Staying Safe

Do you know how to stay safe during a dangerous situation at school, in your community, or at home? Community Emergency Response Team (CERT) will show you how to prepare for the unexpected. Preparing makes sense.19

Class L: Are You Ready?

Do you and your family know what to do in the event of a natural or man-made disaster? Community Emergency Response Team (CERT) will show you how to prepare for the unexpected. Preparing makes sense.19

Class M: Introduction to UAS

Learn about the academic and flight education available to you through the UND Aerospace program and how it will prepare you to be successful in the UAS industry. You'll also be introduced to opportunities, applications, and trends within this emerging field. We will also bring examples of the small UAS that we use within our curriculum. 19

Class N: Fire Fighter 101 Explore the Fire Service

Show equipment it takes to fight a fire. 19

Class O: Oval Track 101

Learn what it takes to create a successful racecar team, from the shop to the winner's circle and everything in between. Also, get the chance to see a real Dirt Track Lightning Spring Car up close and personal. 19

Class P: All About Water Rescue

Richland County Water Rescue provide information on services provided, team structure, equipment used. A variety of water rescue equipment will be displayed including boats, dive gear, command post, ice rescue sled, and more. 19

Class Q: Sensory Exploration 101

Our senses... sight, smell, taste, touch and hearing connect our minds with the world around us. There are many situations throughout the day to provide opportunities for stimulation. You'll engage in fun, structured, hands-on activities that stimulate both sensory and motor skill development. Come and excite your senses! 19

Class R: Introduction to Robotics & Automation

Students will learn about the ways robotics and automation are used to better our daily lives. The presentation will include a hands-on activity with Fanuc robots. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

Class S: Drones & Land Surveying

We will learn about how drones are used for business purposes and do a fun hands-on activity with drones and coding! **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

Class T: NASCAR Pit Stop

A tire and wheel changing exercise using power tools. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

Class U: Confiscating Items & Illegal Trade

Zoos! Learn the science of zoo keeping and what it takes to care for a wide variety of species. Meet some zoo critter from the Chahinkapa Zoo! 19

Class V: Basics for an Electrician

Provide demonstrations of basic skills for an electrician and then let participants have their turn for the experience. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

Class W: ND FSA Talks Agriculture & Farm Safety

USDA – ND Farm Service Agency talks farm safety and general agriculture. Hands on activity – identify the different crops. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

Class X: Refreshing Smoothies

Making smoothies. Blend together a fresh smoothie made with yogurt and fresh/frozen fruit. Students with any food allergies need to communicate this to the instructor and chaperone. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

Class Y: Designing Your World

Together we will talk about our world around us and the process it takes to design it! We will draw and design during our time. 19

Class Z: Make Your Own African Musical Instrument

Learn more about the music of Africa and make your own instrument along the way! 19

Class AA: Internet Security & Safety

This class will show students tips and tricks on how to be safe and secure on the Internet. 19

Class BB: Ultimate Frisbee

Combining the non-stop movement and athletic endurance of soccer with the aerial passing skills of football, a game of ultimate is played by two teams with a flying disc on a field with end zones, similar to football. The object of the game is to score by catching a pass in the opponent's end zone. A player must stop running while in possession of the disc but may pivot and pass to any of the other receivers on the field. Ultimate is a transition game in which players move quickly from offense to defense on turnovers that occur with a dropped pass, an interception, a pass out of bounds, or when a player is caught holding the disc for more than ten seconds. **(This class is limited to a capacity of 48 students per session, per presenter request.)** 19

Class CC: Entrepreneurship

An easy to understand overview of how to start & operate your own business. 19

Class DD: When I Grow Up I Wanna Be An AUCTIONEER!!

We will explain how auctions are conducted and why they serve a useful purpose in marketing. Most of it will be fun stuff related to learning auctioneering, tongue twisters, and mock auctions. 19

Class EE: Are You Ready For A Job

Will include information on making a good first impression, completing employer applications, interview tips, employer expectations, and Child Labor Laws for ND and MN. Will include a work-related word search and crossword puzzle. **(This class is limited to a capacity of 24 students per session, per presenter request.)** 19

Class FF: Grooming 101

How to care for your dog's hygiene / hair. Will allow brushing dogs, show how to groom, interact with dogs. Will have questions / answers, small demonstration, and some hands on. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

Class GG: What is Real Estate?

Will learn what real estate is and why you would want to be a real estate agent. 19