



**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**

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 21<sup>st</sup> 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