



MARKETPLACE FOR KIDS EDUCATION DAY
Tuesday, December 20, 2022
9:00 A.M. – 2:00 P.M.
MINOT STATE UNIVERSITY

Welcome!

On-Line Registration opens **Monday, October 31, 2022**. All registrations are “first come first served.” The registration must be complete before it can be processed.

Registration closes **Friday, December 2, 2022**. You will be notified when your registration has been received and processed.

Education Day General Schedule:

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

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

9:15 am – 9:30 am	Pre-Opening Music	11:35 am – 12:00 pm	(Teal) Non-Project Students Lunch
9:30 am – 9:50 am	Opening Rally		(Maroon) Non-Project Students View Projects
10:00 am – 10:25 am	All Students Attend Classes	12:00 pm – 12:25 pm	(Teal) Non-Project Students View Projects
10:35 am – 11:00 am	All Students Attend Classes		(Maroon) Non-Project Students Lunch
11:00 am – 11:30 am	Project Students Eat Lunch	12:30 pm – 12:55 pm	All Students Attend Classes
11:10 am – 11:35 am	Non-Project Students Attend Classes	1:05 pm – 1:30 pm	All Students Attend Classes
11:30 am – 12:25 pm	Project Students Present Projects at Hall of Great Ideas Showcase	1:40 pm – 2:00 pm	Closing Rally

Class List and Description

A. MainStND

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. (Advisory Leadership Team Working On)

B. What to Expect When You Call 911

If you’ve never needed to call 911 before, you may not know what to expect. This class will focus on the time leading up to calling 911 through the ambulance transporting to the hospital with focus on the ambulance/medical side of 911.

C. CareerViewXR

Come and explore high-demand trade careers through immersive digital experiences that allow people to explore careers and communities virtually. Limit 8 Students.

D. DIY Breadboard Circuits

Come learn and explore circuit builds and the basics of electricity flow through circuits. In this session, students will become familiar with circuitry components like photoresistors, push buttons, batteries, LED’s, capacitors, and breadboards. Each build increases in complexity, and all components are reusable so that builds may be disassembled and recreated! Two 50-minute sessions and one 25-minute class. Limited 16 Students.

E. Electrical Motors

For this class we will use two 20-minute sessions to explain how electric motors work and each student will build a simple electric motor that they can take home with them. Each student will build a motor kit, and then run the motor using a battery to learn how electricity make a motor turn. Grades 5 and above. Limit 10 Students.

Electrial Circuits

A 20 Minute session where we will explain how an electric circuit works to turn on a light. Students will build a simple circuit they can take home. The project will have a battery, a switch, and a lamp they will connect with wire and be able to turn the light on and off. Grades 5 and above. Limit 10 Students.

F. From Producer to the World – Your Food Journey From the Farm to Your Fork

Discuss how the products produced locally go from local farms to the dinner tables around the world.

G. “Excuse Me! Yes, Please! No, Thank You!”

Students will learn common manners using a presentation as well as role-plays.

H. How Can Workplace Hazards Be Controlled?

We will look at safety hazards in the workplace and learn about different ways to make workplaces safer. Limit 24 Students.

I. Introduction to Entrepreneurship

Welcome to the world of problem solving and profits. In a fast 25 minutes you will learn how to create new products like an entrepreneur. Students will participate in a hands-on, upcycle project to learn how to solve problems with creativity. Bonus, they can take home their own project! Limit 16 Students.

J. Folding the American Flag

Individuals will fold the flag, learn the meaning of the folds, and receive US Flag etiquette information!

K. Knots to Know

Knot-Tying has long been a part of Scouting program – for good reasons. It promotes discipline and focus, and it teaches useful skills that can be used immediately. Most people can tie just one knot (the “overhand knot”); many Scouts know more than a dozen. Come learn some of the 11 essential knots.

L. Lessons About Your Money

The more you know about how to make money, how to save money, and how to spend money, the less likely it is that you will have money problems as an adult. Do you know people who never seem to have enough money? If you don't want to live that way, listen up. We have some good information to share with you today. Students will get the opportunity to look at and learn about foreign currency.

M. Let the World Surround You

Learn about animals from around the world thru touch and inspiring bio facts.

N. Intro to Hydroponics

Discuss traditional growing methods versus Hydroponics. Clones will be ready in the cloner and students will plant their own tomato plant.

O. Operation LifeSaver

Railroad Safety, trespass prevention, and how to report emergencies that occur while on or near railroad property.

P. Prehospital Patient Care

We talk about how to become a member of an ambulance. Will show 1 or 2 skills an EMT or Paramedic can perform.

Q. How Much Energy?

Energy is the ability to do work. Energy moves things, lights things, heats things up. What are the different types of energy we produce in North Dakota? How much energy do we make in North Dakota? How much energy do you use? How do we learn to use energy the best way to preserve our environment?

R. Rogue Robots

We will be putting you behind the controls and letting you program a robot! Today, robots do everything from clean floors to serve you in a restaurant. We will teach you how easy it is to program one and how complex they can be! Limit 10 students.

S. Let's Move!

Fun class with activities that allow the kids to move!

T. Soft Skills- Problem Solving

Employers tell us they are looking to hire employees with strong soft skills. Join us in learning about these and which are necessary for future employment. One essential task is problem solving, which will be discussed at length along with interactive activities demonstrating this skill.

U. Actor: How to be an Elf

Actor's use of movement and facial expression to create a character. Limit 24 students.