



**MARKETPLACE FOR KIDS EDUCATION DAY**  
**Tuesday, April 26, 2022, 9:15 A.M. – 2:00 P.M.**  
**WILLISTON STATE COLLEGE &**  
**WILLISTON AREA RECREATION CENTER**

Please join us Tuesday, April 26, 2022 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**

9:15 am – 9:30 am	Pre-Opening Music	11:35 am – 12:00 pm	(Maroon) Non-Project Students Lunch
9:30 am – 9:50 am	Opening Rally		(Teal) Non-Project Students View
10:00 am – 10:25 am	All Students Attend Classes		Projects
10:35 am – 11:00 am	All Students Attend Classes	12:00 pm – 12:20 pm	(Teal) Non-Project Students Lunch
11:00 am – 11:30 am	Project Students Eat Lunch		(Maroon) Non-Project Students View
11:10 am – 11:35 am	Non-Project Students Attend Classes		Projects
11:35 am – 12:20 pm	Project Students Present Projects at Hall of Great Ideas Showcase	12:30 pm – 12:55 pm	All Students Attend Classes
		1:05 pm – 1:30 pm	All Students Attend Classes
		1:40 pm – 2:00 pm	Closing Rally

**Class List and Description**

**Class A: Main Street ND**

Would you like to learn how to help make North Dakota communities a better place to live by creating and enhancing cities that are healthy and vibrant, how cities can attract and retain a workforce for the future, and how to better plan for smart and efficient use of infrastructure? The class will include an interactive workshop in which students can offer their input into what makes a community someplace they would like to live and work in. 20

**Class B: 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. 20

**Class C: Making Light**

Presenters describe the movement of electrons, and how electricity is created; then with handouts describes how a switch, fuse, and light work. Presenters distribute batteries, and lighting apparatus to groups of students. Students are then instructed how to connect a small, basic circuit to conduct electricity from the battery to make the light work. **(This class is limited to a capacity of 24 students per session, per presenter request.)** 20

**Class D: Virtual Reality (VR)**

A look into the world of virtual reality and its applications. Try using VR glasses and what it's like in the Virtual World!! **(This class is limited to a capacity of 16 students per session, per presenter request.)** 20

**Class E: Electrical Motors (10:00-11:00)**

For this class we will use 2-25 minutes 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 magnetism and electricity make a motor turn. **(You must be in 5<sup>th</sup> Grade & Up to attend this session.) (This class is limited to a capacity of 8 students per session, per presenter request.)** 20

**Class E: Electrical Circuits (11:10, 12:30, 1:05)**

This will be a 25-minute session where we will explain how an electric circuit works to turn on a light, and have the students 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. **(This class is limited to a capacity of 8 students per session, per presenter request.)** 20

**Class F: Agriculture Fun Facts!**

The class will cover basic animal science, plant science, and various other agricultural topic fun facts. Demonstrations and student hands on activities will be included. 20

**Class G: Knots to Know**

The bare essentials knots everyone should know. Hands on learning. 20

**Class H: Plant Seed Engineering**

Students will learn about the different types of plant seeds by engineering a plant seed that will successfully either 1) Float in water 2) Fly through the air 3) “Explode” or 4) Be carried by wind. They will be given a variety of art supplies to create their seed. **(This class is limited to a capacity of 24 students per session, per presenter request.)** 20

**Class I: It’s A Park Ranger’s Life**

What is a state park ranger up to throughout the year? Many different aspects can dictate what a ranger does on a daily basis: snow, wind, rain, or sun; come find out how rangers have fun! **(This class is limited to a capacity of 16 students per session, per presenter request.)** 20

**Class J: Hip Hop Dance Class**

Whether you’re looking to get some exercise or just have a lot of fun, Kay Michael Lee Studio will show you today’s hottest hip hop moves. 20

**Class K: Introduction to Massage Therapy**

Experience different aspects of massage therapy while spending time in various activities – muscles, bones, hot stones, cupping, and seated. **(This class is limited to a capacity of 20 students per session, per presenter request.)** 20

**Class L: Growing Amazing Polymers**

Learn how the Resource Recovery Facility uses polymers to turn wastewater sludge into a soil fertilizer. Work hands-on with polymers to make super balls, snow, rainbow beads, crystal gels, and polymer flowers. 20

**Class M: KEVA Planks**

Children will work together to build structural designs with our KEVA planks. 20

**Class N: All About Radio**

Basic overview of radio, and how things have evolved over the years. 20

**Class O: How Do YOU Fold Paper?**

Overview of the theory of maximum folds of a sheet of paper and some special folding projects. We will also look at some classic origami sculptures. **(This class is limited to a capacity of 30 students per session, per presenter request.)** 20

**Class P: Recreation & Fitness (Obstacle Course)**

This class will involve a competitive obstacle course, kids will be split into three teams. Prior to the course, rec/fitness staff will give a brief overview of their educational and professional experience and the kids will be put through a dynamic warm-up. **(This class is limited to a capacity of 60 students per session, per presenter request.)** 20

**Class Q: Voting! What’s It All About?**

2020 is an election year! Learn how the election process works, and how it affects us, even in elementary school! Each class will learn about democracy and hold their own mini election. 20

**Class R: Take the Census Challenge**

Every 10 years the United States counts every person who lives here! Learn why the 2020 Census is so important for our communities. Use your mad math skills to plan a city with census data. **(This class is limited to a capacity of 20 students per session, per presenter request.)** 20

**Class S: Kid Biz**

Learn the skill of a successful entrepreneur through lessons on how to operate your own business! Participants in this class will also learn about the Lemonade Day Youth Entrepreneurship Program! 20

**Class T: Take Charge of Your Electrical Safety**

Power Town – a high voltage demonstration model that shows contact hazards with overhead and underground services. Hands on with Van De Graff static electricity ball and plasma ball. 20

**Class U: Building A Landfill**

Kids will be learning how to build a working landfill. **(This class is limited to a capacity of 30 students per session, per presenter request.)** 20

**Class V: MyPlate Bingo**

Students will be read various clues about various fruits and vegetables. Answers to clues are on Bingo cards and when the item is called, students mark them off on their bingo cards. **(This class is limited to a capacity of 24 students per session, per presenter request.)** 20

**Class W: Weird & Awesome Jobs**

Through interactive activities, students will learn about jobs that they may never knew existed! This class encourages students to “think outside the box” when planning for their future careers. 20

**Class X: Cooking Up Kindness**

Through a hands-on activity student’s will perfect the recipe for kindness and learn about what it means to be a member of their community! **(This class is limited to a capacity of 30 students per session, per presenter request.)** 20

**Class Y: Unmanned Aerial Vehicle Operations**

Demonstrations in real-world UAV use. There will be basic participation activities for the children. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 20

**Class Z: Blocks and Lots**

Blocks and Lots is an educational game about land use and urban development. Students will choose from five basic zones to plan a new development in Williston. 20

**Class AA: Self Defense**

Teaching kids the basics of self-defense. 20

**Class BB: Isolating DNA from Strawberries**

Strawberries are mashed and the DNA is isolated using dawn detergent and isopropanol. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 20

**Class CC:****Class DD:****Class EE:****Class FF:****Class GG: Careers on Wheels**

Vehicles depicting occupations within our community will be on display. You see many of these vehicles, but rarely have a chance to view them up close or visit with the operators! During this class you will have the opportunity to observe and get a better understanding of the careers involved in operating

these vehicles. This session will be held outdoors!  
(Please dress appropriately) 20