



**MARKETPLACE FOR KIDS EDUCATION DAY**  
**Tuesday, March 29, 2022, 9:05 A.M. – 2:15 P.M.**  
**HERITAGE CENTER & ND STATE CAPITOL,**  
**BISMARCK, ND**

Please join us Tuesday, March 29, 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**

9:05-9:25 am	Pre-Opening Music	11:50-12:40 pm	Project Students Present Projects at Hall of Great Ideas Showcase
9:25-9:45 am	Opening Rally		
9:55-10:20 am	All Students Attend Classes	11:50-12:15 pm	(Teal) Non-Project Students Lunch
9:55-10:50 am	All Students Attend Gallery Class		(Maroon) Non-Project Students View Projects
10:25-10:50 am	All Students Attend Classes	12:15 -12:40 pm	(Maroon) Non-Project Students Lunch
10:55-11:20 am	All Students Attend Classes		(Teal) Non-Project Students View Projects
10:55-11:50 am	Non-Project Students Attend Gallery Class	12:50-1:15 pm	All Students Attend Classes
11:25-11:50 am	Non-Project Students Attend Classes	12:50-1:45 pm	All Students Attend Gallery Class
11:20-11:45 am	Project Students Eat Lunch	1:20-1:45 pm	All Students Attend Classes
11:50-12:40 pm	Project Students Present Projects at Hall of Great Ideas Showcase	1:55-2:15 pm	Closing Rally

**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. 20

**Class B: 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 C: YouTube 101**

Equipment showcases, video showcases, YouTube updates, safety on YouTube, how to make a video, and questions and answers. 20

**Class D: Electrical Motors (9:55-10:50)**

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 D: Electrical Circuits (10:55, 11:25, 12:50, 1:20)**

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 24 students per session, per presenter request.)** 20

**Class E: Railroad Crossing Safety**

Operation Lifesaver provides safety information at highway-railroad crossings and on railroad rights-of-way. 20

**Class F: Knots to Know**

The bare essentials, knots everyone should know. This is hands on learning for the students. 20

**Class G: 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 H: Inspiration Nation; Flying to the Future**

Pick up your passport to explore the past and future. Students will be rotating through multiple sections that explore generations past; Inspiring tomorrow's leaders. **(This class is limited to a capacity of 80 students per session, per presenter request.)** 20

**Class I: Early Peoples Way of Life**

One section (25 minutes) of this class will focus on the Native American way of life through language, tools, and dwellings. Students will learn sign language, learn about and hold the tools that the Native peoples used, and discover the two main types of dwellings, including earth lodges and teepees. In the other section (25 minutes), students will discover and explore how trade connected Europeans and Native American tribes through a hands-on activity. Students will experience firsthand the benefits and challenges of trading in what would eventually become North Dakota by taking on a role as either a European trader or a member of the Mandan tribe. **(This class is limited to a capacity of 80 students per session, per presenter request.)** 20

**Class J: Journey Through Time**

Students will journey through time as North Dakota's landscape has changed from being underwater to the ice ages and the small and large animals, especially dinosaurs, that walked the earth. Students will have the chance to hold a fossil and other stones that they see on exhibit. To get in students will need one of our passports in hand to start the journey. When the time has finished completed passports will be checked for a prize. **(This class is limited to a capacity of 40 students per session, per presenter request.)** 20

**Class K: Discover Land Surveying**

Will be discussing different types of surveying including property and topographic surveys, types of instruments and technologies, and performing a live scanning demo where students will be measured with a 3D spatial scanner and then imported and projected onto a screen. 20

**Class 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. 20