



MARKETPLACE FOR KIDS EDUCATION DAY
Tuesday, May 10, 2022, 9:15 A.M. – 2:00 P.M.
UNIVERSITY OF JAMESTOWN AND
JAMES VALLEY CAREER & TECHNOLOGY CENTER



Please join us Tuesday, May 10, 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. See you May 10th! 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	(Teal) Non-Project Students Lunch
9:30 am – 9:50 am	Opening Rally		(Maroon) 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	(Maroon) Non-Project Students Lunch
11:00 am – 11:30 am	Project Students Eat Lunch		(Teal) 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

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. 20

Class B: Experiments with Electricity

Students will learn the difference between conductors and insulators. We will have a variety of experiments for the students to try and we will also be drawing a circuit with graphite pencils and lighting an LED lamp with drawn circuit. 20

Class C: 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 20 students per session, per presenter request.)** 20

Class D: 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 5th 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 (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 E: 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 F: What Wetlands Do

Learn how wetlands work, why they are important and investigate some of the tools and technology used to study them. **(This class is limited to a capacity of 30 students per session, per presenter request.)** 20

Class G: Cake & Cookie Decorating

We will have an overview about making and decorating cakes and cookies. This year, we will be making edible cookie dough in class. Please join me for the sweetest class on campus! 20

Class H: Propagating Plants

Come learn about propagating plants. Each participant will be able to propagate their own plant. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 20

Class I: 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

Class J: The Many Hats of Veterinary Medicine

A power point presentation will be the background for a lively fast paced look at the many types of work veterinary technicians do every day. **(This class is limited to a capacity of 24 students per session, per presenter request.)** 20

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

Disability Awareness with Annie's House Adaptive Recreation Program

We will be diving into the world of different abilities. Come learn some common types of disabilities and simulate what it is like to live day to day with them. 19

Auto Collision & Refinish

Plastic filler dent repair. Spray painting panels with a spray gun. Basic tool introduction. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

Be The Best Babysitter On The Block

Be the babysitter everyone in the neighborhood wants to hire. By attending this session, you will rotate to three stations, and learn and participate in hands on activities with preschool aged students. All of the activities will be easy ideas you can take to your next babysitting job and provide a fun and creative environment using basic household items. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

Soils

Look at and test different types of soils. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

NASCAR

Small shop tour. Group activity rotating tires. Mount and unmount on a demo vehicle. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

Medical Mania

Station 1: Medical mania – Human Anatomy organ purpose, function, discussion, and model manipulation. Station 2: Communication Chaos – Hands on team building, problem solving, keys to communication activity. Station 3: Health Jeopardy – Test your health knowledge with buzzer game. Station 4: Stop the Bleed – (Nationwide Campaign) Hands on activity on how to stop bleeding to aid in saving a life. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

For The Birds

Hands on activity making a bird house that students can take home. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

Operation Lifesaver

The do's and don'ts of railroad safety. **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19

The Great & Gory Wizard of Sim

WARNING! This class is NOT for the faint-hearted! Come and play with all the wonderful blood, guts, and gore in the University of Jamestown's nursing simulation lab! Human Patient Simulators (HPS) are used to train nurses in skills like assessment and wound care. But don't call them "dummies" because they are really SMART! These robots have pulses, breath and talk just like real humans! And it takes a "wizard" with very specialized computer skills to make it all happen! You will also get a "gory wound" of your own to bandage and show to your friends! So, come on down and see what simulation in nursing is all about! **(This class is limited to a capacity of 16 students per session, per presenter request.)** 19