

Tuesday, February 21, 2017



 **Minot State
UNIVERSITY**
500 University Avenue

Students: Please take your guide home and share your experience with family and friends!

**Let the Gears of
INNOVATION Inspire You!**

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www.MarketplaceForKids.org

Welcome to Marketplace for Kids!

SPONSORS

as of February 15, 2017



DIAMOND LEVEL



RUBY LEVEL

NORTHWEST VENTURE COMMUNITIES, INC. - MINOT



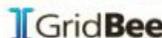
EMERALD LEVEL



SAPPHIRE LEVEL



AMETHYST LEVEL



TOPAZ LEVEL

- Neset Consulting Service - Tioga
- Border States Electric
- Credit Unions United Chapter - Minot, Bottineau
- Devils Lake Chamber of Commerce
- Dickey Rural Telephone Cooperative
- Flasher Community Credit Union
- Lincoln State Bank - Hankinson
- McLean Electric Cooperative, Inc. - Garrison
- North Dakota Telephone Company - Devils Lake
- Northern Plains Electric Cooperative - Operation Round Up - Carrington
- Polar Communications - Park River
- MDU Resources Group, Inc. Employee Giving Program - Peggy Link
- Minot Golden "K" Kiwanis

- Unison Bank - Jamestown
- Verendrye Electric Cooperative, Inc. - Minot/Velva
- Western Cooperative Credit Union - Williston, Dickinson
- Dakota Central Telecommunications - Carrington
- Marathon Oil Company - Dickinson
- Rugby Job Development Authority
- Border States - Supply Chain Solutions
- Vision Bank - Fargo
- State Bank of Bottineau
- CHI - St. Joseph's Health - Dickinson
- Forward Devils Lake Corporation
- United Community Bank of ND - Minot, Devils Lake
- CrossCountry Freight Solutions
- BEK Communications Cooperative - Steele
- Steffes Corporation - Dickinson and Grand Forks
- Roughrider Electric Cooperative - Dickinson

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Welcome to Marketplace for Kids!

OFFICE OF THE PRESIDENT



Greetings,

Welcome to Marketplace for Kids 2017! We are pleased and privileged to be hosting this event at Minot State University. I hope you find all of today's events inspiring as you learn new ideas and celebrate each other's accomplishments. Entrepreneurship is a vital part of our nation's economy and a key ingredient to our state's future. At Minot State, we are the proud home of the Severson Entrepreneurship Academy and the many opportunities it provides for our students.

I commend you for being an active participant in today's activities. Marketplace for Kids is an important event, and we are excited to partner and help provide an opportunity for you to learn and showcase your innovative projects.

A special word of thanks to all of the businesses, schools, and volunteers who help make today a reality.

Again, welcome to the MSU campus and all the best for a successful day!

Sincerely,



Steven W. Shirley, PhD
President

Marketplace for Kids

Advisory Leadership Team

Chuck Barney, Chair

*Director of Severson Entrepreneurship Academy
Minot State University*

Amy Woodbeck

*Professional & Community Education Coordinator
Minot State University*

Ellen M. Bjelland

*Extension Agent/Family and Consumer Science
NDSU Extension Service – Ward County*

Guy Hanley

*Assistant Professor, Science
Minot State University*

NATIONAL ANTHEM

Oh, say, can you see, by the dawn's early light,
what so proudly we hailed at the twilight's last
gleaming?

Whose broad stripes and bright stars, through
the perilous fight, o'er the ramparts we
watched, were so gallantly streaming?

And the rocket's red glare, the bombs bursting
in air, gave proof through the night that our
flag was still there.

O say, does that star-spangled banner yet wave
o'er the land of the free and the home of the
brave!

For More Information on Marketplace for Kids

Please Contact:

Robert Heitkamp, Executive Director
robert.heitkamp@marketplacend.org

106 Mathews St. • Mantador, ND 58058

855-434-5437 or 701-242-7744

Fax: 701-242-7754



IN DEDICATION TO MARILYN KIPP 28 YEARS OF SERVICE



Welcome to the 22nd consecutive year of Marketplace for Kids. This is a very special year for two reasons. First and foremost we are dedicating this entire year to the person that started it all, Marilyn Kipp! She started with an idea and a few supporters 28 years ago by creating Marketplace of Ideas. Then in 1995 (22 years ago) she started the program we see today, Marketplace for Kids! Her tireless efforts have grown the program into 11+ sites across North Dakota and drawing students from four states. We graciously thank Marilyn for everything she has done AND is still doing for this wonderful program!

The second reason is this is my first year as ONLY the 2nd Executive Director ever. I promise to dedicate my very best to ensure that Marketplace for Kids is here for all of you and all that follow your wise steps to look into the future of Entrepreneurship.

I would like to thank everyone involved in helping us bring Marketplace for Kids to YOU, including the staff in our new office-Linda and Barb for all of their help in getting the new office location up and running.

Have a GREAT & FUN year at Marketplace.

Sincerely,

Robert Heitkamp

Robert Heitkamp
Executive Director



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SCHEDULE OF THE DAY

Marketplace For Kids Education Day Schedule

Tuesday, February 21, 2017

9:30 a.m.-2:00 p.m.

Please Follow the Schedule that is Printed on Your Name Badge!

9:15 – 9:30

PRE-OPENING RALLY

ENTERTAINMENT

Sidni Kast-Freshman at Minot State University and former All-State Choir member.

Music

Minot High Jazz Band under the direction of Pat Schwan

9:30 – 9:50

Master of Ceremonies/Opening Remarks

Chuck Barney, Director, Severson Entrepreneurship Academy at Minot State University and Marketplace for Kids Minot Area Leadership Team Chair.

Presentation of Colors

Minot Air Force Base Honor Guard

National Anthem

Sidni Kast-Freshman at Minot State University and former All-State Choir member.

Welcoming Remarks

Dr. Steve Shirley, President, Minot State University

Opening Rally Featured Speaker

Senator Heidi Heitkamp-Comments and Welcome (Video)

ANNOUNCEMENTS

10:00 – 10:25

All Students Attend Classes

(Check your name badge for your assigned class.)

10:35 – 11:00

All Students Attend Classes

(Check your name badge for your assigned class.)

11:00 – 11:30

ALL Project Students Eat Lunch

(Orange Name Badges)

11:10 – 11:35

Non-Project Students Attend Classes

11:35 – 12:25

Project Students Present Projects

at Hall of Great Ideas Showcase

11:35 – 12:00

Non-Project Students eat lunch (Celery) Non-Project Students View Projects (Maroon)

12:00 – 12:25

Non-Project Students eat lunch (Maroon)

Non-Project Students View Projects (Celery)

12:30 – 12:55

All Students Attend Classes

(Check your name badges for your assigned class.)

1:05 - 1:30

All Students Attend Classes

(Check your name badges for your assigned class.)

1:40 – 2:00

Closing Rally

Master of Ceremonies

Dr. Lowell Latimer, President
Service Corps of Retired Executives (SCORE)

Hall of Great Ideas and Teacher

Recognition Dr. Lowell Latimer, President
Service Corps of Retired Executives (SCORE)

Marketplace for Kids 2016 Tribute Video Closing Remarks

Students, the Tribute Video, along with photos of your Education Day, will be online at www.marketplaceforkids.org. If you would like a free DVD of the video, please call 1-855-434-KIDS (5437) or email robert.heitkamp@marketplacend.org.

Thank you for participating in Marketplace for Kids!

See you next year!

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SCHEDULE OF THE DAY

Featured Speaker

United States Senator Heidi Heitkamp D-ND



U.S. Senator Heidi Heitkamp is the first female Senator elected from North Dakota. She took the oath of office on January 3, 2013. Senator Heitkamp grew up in a large family in the small town of Mantador, North Dakota. Alongside her six brothers and sisters, she learned the value of hard work and responsibility, leading her to choose a life of public service. Senator Heitkamp previously served as North Dakota's Attorney General, battling drug dealers, protecting senior citizens from scams, and working to keep sexual predators off streets and away from kids, even after their prison terms were up.

A FEW REMINDERS...

- ✓ Take good care of your possessions! Marketplace for Kids and Minot State University **CANNOT** be held responsible for lost or stolen items.
- ✓ **LUNCH:** Please have lunch at your scheduled time and clean up after yourself!
- ✓ **QUIET PLEASE!** Do not visit in the common areas while classes are in session. Cell phones must be turned OFF when entering classrooms, the opening rally and the closing rally. *(This also means NO texting, please!)*
- ✓ **OPENING & CLOSING RALLIES:** Please be respectful of our invited entertainers and presenters.
- ✓ **NEED HELP?** Ask a guide! Wear your name badge over your heart at all times!
- ✓ **The Magic Words for the Day:**
PLEASE & THANK YOU!
- ✓ Remember to thank your presenters, teachers, chaperones, bus drivers and other volunteers that help you throughout the day!
- ✓ **IF YOU HAVE AN EMERGENCY:**
Contact your teacher or chaperone.



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CLASS PRESENTERS



What "Wood" You Make with a Tree?

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 216, Building O, Old Main

Glenda Fauske, Information and Education Coordinator
glenda.fauske@ndsu.edu
NDSU Forest Service
www.ndsu.edu/ndfs



Let the world surround you at Roosevelt Park Zoo

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 114, Building G, Memorial Hall

Renee Escherich, Education Coordinator
reeneerpz@srt.com
Roosevelt Park Zoo
www.rpzoo.com



Lessons About Your Money

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 306E, Building M, Hartnett Hall

Karna Taft, AVP, Member Services
karna.taft@townandcountry.org
Deanna Lovelace, Member Services Representative
deanna.lovelace@townandcountry.org
Town & Country Credit Union
www.townandcountry.org



Being a Police Officer

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 301E, Building M, Hartnett Hall

Aaron Moss, Senior Officer
aaron.moss@minotnd.org
Stephanie Zifchock, Patrol Officer
stephanie.zifchock@minotnd.org
Minot Police Department
www.minotnd.org/219/Police-Department



Bridge Building 101.

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Audubon Room, Building E, Student Union

Nigel Tate, Engineer
nigel.tate@kljeng.com
KLJ Engineering
www.kljeng.com



Money Smarts

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 104, Building O, Old Main

Joy Sparks, Financial Literacy
Coordinator
**North Dakota Jumpstart
Coalition**
Joy.sparks@tsinstitute.org



PLEASE:
Food & Beverage in
designated area ONLY!

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CLASS PRESENTERS



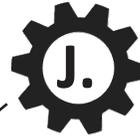
Excuse Me! Yes, Please! No, Thank You!

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 218, Building O, Old Main

Ellen Bjelland, Extension Agent
ellen.bjelland@ndsu.edu

Callie Johnson, Extension Agent
callie.johnson@ndsu.edu

NDSU Extension Service
www.ag.ndsu.edu/extension



Get Up And Move!

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Metigoshe Room, Building E, Student Union

Roberta Abernathey, Cheer Coach and Students
rabernathey@mltvacations.com

Minot State University
www.minotstateu.edu



Class H: Product Marketing: What, Why, How

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 308, Building O, Old Main

Cassie Vetter, Marketing Instructor
Minot High School
casvetter@gmail.com



A Day in the Life of a Firefighter!

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 110, Building G, Memorial Hall

Stuart Hammer, Fire Inspector
stuart.hammer@minotnd.org

Minot Fire Department, Station 1
www.minotnd.org/173/Fire-Department



Wired for Success!

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Westlie Room, Building E, Student Union

Treyton Hoogland, Student, owner-
CT Technology Solutions, LLC
Treyton.hoogland@gmail.com



Cybersecurity 101

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 329, Building M, Hartnett Hall

Tracy Becker, IT Supervisor
tmbecker@nd.gov

ND Career & Technical Education
www.nd.gov/cte



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CLASS PRESENTERS



WIRED: Using Tools To Make Keychains.

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Missouri Room, Building E, Student Union

Carla Palczewski, Senior Officer
ND Energy Education
carlapalczewski@gmail.com



Exploring Electricity!

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 102, Building O, Old Main

Cody Serr, Membership
Development Coordinator
cs714@midconetwork.com
IBEW Local 714
www.local714.com



Power Plant Puzzle

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 303E, Building M, Hartnett Hall

Kent Ellis, Special Projects Coordinator
kent_ellis@bismarckschools.org
ND Energy Education



The Road Less Traveled

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 330W, Building M, Hartnett Hall

Christoph Schmidt, Campus Pastor &
Karen Langemo
ctoph1@gmail.com
**LCM Student Peer Leader & MSU
students Else-Marie Nelson, Adam
Barden, & Paige Dolan**
Minot State University
www.minotstateu.edu



Logo Mania!

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 326, Building M, Hartnett Hall

Chuck Barney, Director
chuck.barney@minotstateu.edu
and students from the Severson Entrepreneurship Academy
Minot State University
www.minotstateu.edu



Fun with Fair Advertising

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 327, Building M, Hartnett Hall

Beth Feldner, Marketing Director
ndsf@minot.com
North Dakota State Fair
www.ndstatefair.com



Everything You Wanted To Know About Being A Teacher?

10:00 am, 10:35 am, 11:10 am, 12:30 pm, 1:05 pm
Room 222, Building G, Memorial Hall

Heather Fritz, State Student Organizer and Early
Education Organizer
heather.fritz@ndunited.org
North Dakota United
ndunited.org

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Participating Schools & Teachers

Burke Central High School *Lignite, ND*

Dr. Hennessey, *7th Grade*

Burlington Elementary School *Burlington, ND*

Ms. Haner, *5th Grade*

Edison Elementary School *Minot, ND*

Ms. Estenson, *5th Grade*
Ms. Gillis, *5th Grade*
Ms. Seopa, *5th Grade*
Ms. Stanley, *4th Grade*
Ms. Johnson, *4th Grade*
Ms. Borho, *4th Grade*

Roosevelt Elementary School *Minot, ND*

Mr. Jensen *4th Grade*
Ms. McHenry, *4th Grade*
Ms. Knutson, *5th Grade*

Lewis & Clark Elementary School *Minot, ND*

Mr. Klein, *4th Grade*
Ms. Mueller, *4th Grade*
Ms. McNally, *4th Grade*
Ms. Fjeld *4th Grade*

McKinley Elementary School *Minot, ND*

Mr. Johnson, *5th Grade*
Ms. Waldera, *4th Grade*

Our Redeemer's Christian School *Minot, ND*

Ms. Jacobsen *3rd Grade*
Ms. Richie, *3rd Grade*

Perkett Elementary School *Minot, ND*

Ms. Debertin, *4th Grade*
Ms. Dewitz *4th Grade*
Ms. Burks *4th Grade*

THANK YOU

to the following for making
Marketplace for Kids a Success!

Dr. Steven W. Shirley, President
Minot State University

Minot State University
Faculty & Students

Marketplace for Kids Minot Area
Advisory Leadership Team

Opening and Closing Rally Guests

Honor Guard – Colors Team
Minot Air Force Base

National Anthem
Sidni Kast-Freshman at Minot State University

US Senator Heidi Heitkamp-
Comments and Welcome
Featured Speaker

Dr. Lowell Latimer & Volunteers
Service Corps of Retired Executives
(SCORE) – Minot

Minot State University
Dining Services

Volunteers

Bus Drivers

Media and Technology Crew

Class Activity Presenters

Students, Teachers, Chaperones and Advisors

Parents, Families and Friends of our Students

School Board Members
and Administration of Participating Schools

Community Leaders

Sponsors



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PROJECT GUIDE

The following list is in order by school, teacher and table number.

It includes the name of the project, description and the exhibitor's name(s).

Edison Elementary School Minot, ND Ms. D. Seopa, 5th Grade

125*/Sled Coat

I will sew slippery fabric on some coveralls. It will be more slippery that what is on the coat already.

Joshua G

126*/The Candy Pen

It's a pen or pencil with candy or a sucker on the end.

Malachi C

127*/At-Home Robot

The At-Home Robot will be able to take different things from around your house and transport them to different places. For example, the At-Home Robot could bring you your cell phone or television remote.

Boston K

128*/No Mess Waterer

It's an easier way to water a plant so then you won't get water on the floor and clean up water and dirt from on the floor.

Ella W

129*/On The Go Solution

My project is a portable phone charger. It's going to be made with a 9 volt battery, a 9 volt battery clip, the inside of a car charger, a soldering gun, and electrical tape.

Sierra W

130*/Never Lost Remote Controller

A remote controller that when it gets lost, you can call it with your phone to find it.

Aitye B

131*/On The Run!

A device is put into the tongue of a spike that would connect to your phone/tablet. Around your ankle there would be a waterproof band with some automatic vibrators that would vibrate when you reach a certain point in a race. On your phone, in the on the run app, you could set it at 1 mile, it could vibrate 2 times which could indicate to go faster.

Marcus R

132*/Hear Gear

It would be great if wrestlers could hear their coaches when they really needed to! I'm inventing Hear Gear - Wrestling head gear with a speaker in it. Then coaches can coach in a noisy gym from a headset and the wrestler can actually hear them.

Connor H

133*/Project Unknown

Description Unknown

Joey J

134*/Cord Corral

The Cord Corral is a cover that hides your power strip and the multiple charging cords that are plugged into it. The Cord Corral has little cord cut outs on the sides so the ends of the cords are exposed. The top of the Cord Corral has built in dividers to hold your electronic devices. The back has air vents to prevent over-heating. The objective of the Cord Corral is to declutter your charging area.

Jillian A

135*/Sleep Coat

The Sleep Coat is a coat that rolls down into a blanket. You can use it as a coat to stay warm when you're outside on a cold day. When it's time to go to bed, you can roll down the blanket and rap it around your legs. The foot pocket at the bottom will keep your feet extra warm.

Claire A

136*/Portable Food Warmer

This is a warmer, like a microwave, that can be used to warm food up at lunch time.

Carson M

137*/Flyswatter Gun

The Flyswatter Gun is a sneaky way to get pesky flies without getting close to them. You aim the modified nerf gun at the fly and shoot! The attached swatter head will squish the unsuspecting pest.

Maxwell K

*** These projects have received permission to be video taped by Marketplace for Kids.**

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138/Project Unknown

Description Unknown

Damien R, Sophie B, Quinnten B, Hailey R

142*/Electric Currents In Fruit

Does electricity occur in common day fruits? Alex will connect a voltage tester to everyday common fruit to determine if electricity can be found. He will chart the fruits current and describe the outcome.

Alexzander R

143/Project Unknown

Description Unknown

Joshua T

156*/Hot/Cold Blanket

This blanket will keep you from staying up at night by turning hot and cold. You push a button and it will turn warm. Press it again it goes cold.

Quincy R

**Edison Elementary School
Minot, ND**

Ms. D. Estenson, 5th Grade

105*/Whatever You Do Don't-Turn-The-Page

This invention will prevent pages of a book from flipping when you take your hand away.

Ruby M

106*/Squeegee Mop

The Squeegee Mop is a squeegee and a mop combined into one device. It has a sponge mop in the front and a squeegee on the back. It allows to scrub and remove excess water from the floor in one easy motion.

Sofiah C

107*/The Treat Launcher

It's a dog learning tool to teach your dog how to get it's own food. So once your dog master's that you can add on better challenges for you dog. Also there are accessories you can get for your dog, like a treat cannon.

Kaden J

108/Project Unknown

Description Unknown

Tyreke WW

109*/Puck Thrower

You should buy it because it will help goalies be better. You can make it go high and low. It will make your team win.

Jagger S

110*/Magnetic Gloves

Magnetic Gloves are gloves that are magnetic to pick up bolts and nails. They are used for construction workers and if they drop them they can grab them but with these gloves they won't have to.

Tyke A

111*/PrescriptoVisor

The prescription football visor is a football visor for people who need prescription glasses.

Jasper S

112*/Perfect Brush

There is a mirror on the back of the brush, a holder for ponytails, and other stuff you need for your hair so you can take it with you so you don't have to stand in the bathroom. When someone needs in there you can grab your brush and go.

Chloe F

113*/Cordanizer

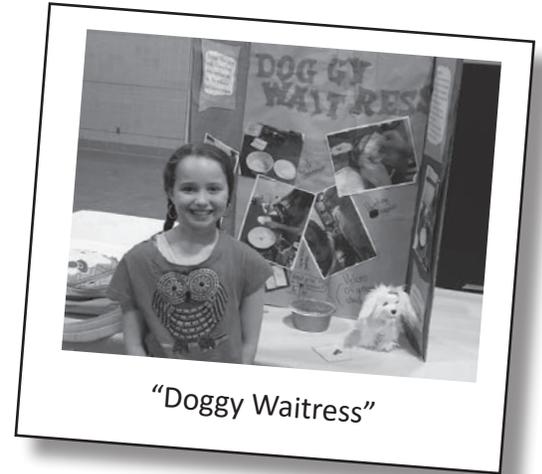
Have you ever had your cords tangles all up? Now you can get the Cordanizer. This gadget will keep your cords nice and lined. No more fussing with untangling cords.

Stefany S

114*/T.A.R.A. (The Assistant Reading Apparatus)

It is a glow in the dark bookmark. It will help you read in bed at night when your siblings are sleeping.

Jaxson G



"Doggy Waitress"

115*/Sore Away

My product is a spray for cold sores. A spray allows the medicine to be put on the cold sore without having to touch it.

Annlea E

116*/The Bone Holder

The Bone Holder is a way for dogs to chew there bones without holding it for themselves. You simply place the bone on the holder and it's set! Your dogs can now have a holder for there bones and you don't have to hold it either.

Alexa J

117*/Card Sorter

This machine will sort out cards on 2 options. One option will be by number and the other will sort by the back design. All you have to do is insert the card.

Atrus R

118*/Weekly Fish Feeder

It will be a weekly pill box, where each day of the week will have the specific amount of food that your fish needs to eat each day.

Ally W

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PROJECT GUIDE

119*/Dog Fountain

My dog fountain is an easy way for dogs to get water without leaving out a bowl. The dog steps on a platform and water is released out.

Emma L

120*/Project Unknown

Description Unknown

Seth N

121*/Coach Connector

The coach connector is a communicating system between his athlete or athletes. The coach uses an electronic device to relay a message regarding a play or other acts for the athlete to complete.

Zach B

121*/Coach Connector

The coach connector is a communicating system between his athlete or athletes. The coach uses an electronic device to relay a message regarding a play or other acts for the athlete to complete.

Zach B

122*/Interchangeable Water-Bottle

My product will be a water-bottle that will have 3-4 sections. You have a lid and you slide to each section of miscellaneous drinks.

Birk C

123*/Magnetic Legos

Well, what you can do is you can put them on the fridge or you could build stuff out of them. When you are done you could put them together so they could not get lost.

Tyler R

124*/Two-Brushes

My project is that you have two-toothbrushes and you super glue them together. The handles still stay on.

DeyMaura H

155*/Fan-troller

When you play games for a long time your hands get sweaty. Fan-troller will connect to the controller to blow air on your hands to keep them cool.

Kadyn M

**Edison Elementary School
Minot, ND**

Ms. S. Gillis, 5th Grade

66*/Steer Clear

"Steer Clear" is a device that prevents deer/auto collisions at night. It's a silent high-frequency sonar that can be attached to your vehicle to keep deer and other animals out of the path of your vehicle when traveling at night.

Brock M

67*/Tin Can Grillin' Cooker

Supplies: Empty metal can, scissors, tin foil, charcoal or wood pieces, wire rack, flint and steel. With your scissors cut one inch sections on top of can, bend outward with ends bent upward. Place foil into can, overlapping the edges, put in 5-6 pieces of charcoal or wood pieces-light charcoal/wood, place wire rack on top and cook food.

Jacob R

68*/Scented Laces

My project is called scented laces. My project is to make bags and footwear smell better. My project is laces that are odorized to smell better. This project is designed for any sport or just your shoes for gym.

Macee B

69*/Water Buddy

The Water Buddy is a life saving pouch for your most important electronic devices while you are enjoying the water. This pouch is completely water proof, easily spotted, and floats. Take your phone, insulin pump, or music player with you to any pool party, on a boat ride or swimming adventure. No matter how deep or stormy the water, the Water Buddy will float and protect!

Sofia H

70*/Head Heater

It is a hat with a disposable heater. Each hat will have a second heater for when the first one wears out. Customers can choose their color and design. I will also have a cap cooler. This will be a hat for summer with a disposable cooler.

Brady P

71*/Easy Make It Blanket

The Easy Make It Blanket will be designed with magnets on the outside edges of the blanket. These magnets will attach to a metal bed frame or velcro attached magnets on the mattress. The ease of making the bed in the morning will be a snap.

Emma M

*** These projects have received permission to be video taped by Marketplace for Kids.**

Let the Gears of INNOVATION Inspire You!

Tuesday, February 21, 2017 - Minot Statate University & Cyril Moore Science Center
www.MarketplaceForKids.org

72*/Robotic Wings

My project for Marketplace for Kids is robotic wings. My wings will be made of either a robotics kit or constructed as a model. The purpose of the wings are that they can be used in the military or for recreation. My main goal is a prototype of a working pair of robotic wings.

Annika H

73*/Smart Mirror

My idea was the Smart Mirror. It is a bigger version of a smart phone (except bigger and better). So the smart mirror can record so you can see your whole outfit. It also can play music so you can jam out when you are getting ready. It can also play YouTube videos. And you can drag the video around the screen. There are pause and play buttons. You can make it work by slipping your iPod behind the mirror so you have all the things that are on your iPad on the mirror.

Grace V

74*/Tech Puck

Tech Puck is a puck that tells you how fast you shoot. There are two red sensors on the sides of the puck that sends a signal to the center, or top of the puck, and it tells you how fast you shoot in MPH.

Drew J

76*/Lazer Sword

The lazer sword is a new self defense weapon. It helps you defend yourself if you end up in a situation where someone tries to harm you. It is small enough to fit in a small bag or even your pocket and because it is so small it runs off solar power.

Anthony B

75*/Auto Plow

"In the winter when there is a huge snow storm there is a ton of snow on the road and the road is not always visible during the storm. The snow plows, plow the streets as quickly as possible to allow emergency vehicles access. This first pass during or immediately after a storm is often not anywhere near the edge of the street leaving a bunch of snow on the side of the road. Auto plow is a computer guidance system that you put in a snow plow that uses GPS tracking to steer the plow for the driver allowing the driver to get close to curbs, fire hydrants, light poles, etc without the worry of running property damage to them. Similar technology is used in farming to eliminate repetitive planting, spraying and harvesting. Using this same technology on snow plows would allow for more accuracy."

Matthew B

77*/Project Unknown

Description Unknown

Colby A

78*/Nail-It

Painting your fingernails is very difficult and getting painted is very expensive. My project helps people paint their nails at home quickly and economically.

Brooklyn B

79*/Automatic Window Washer

A panel, made to the window size, contains a squeegee. The panel also contains nozzles that spray cleaner onto the window. The window washer can be set on a schedule or turned on manually when needed.

Dalton H

80*/iball

A golf ball that measures distance, angle of take off, peak of height, or the rotation on the ball. Added features tracker and water proof. You can access the information on your phone and the ball is light weight.

Heston F

81*/Skate Squeegee

My project I have decided to invent is a device that would help dry off my skate blades so that they don't rust and keep my bog dry.

Landen M

82*/E-Z Hair Styler

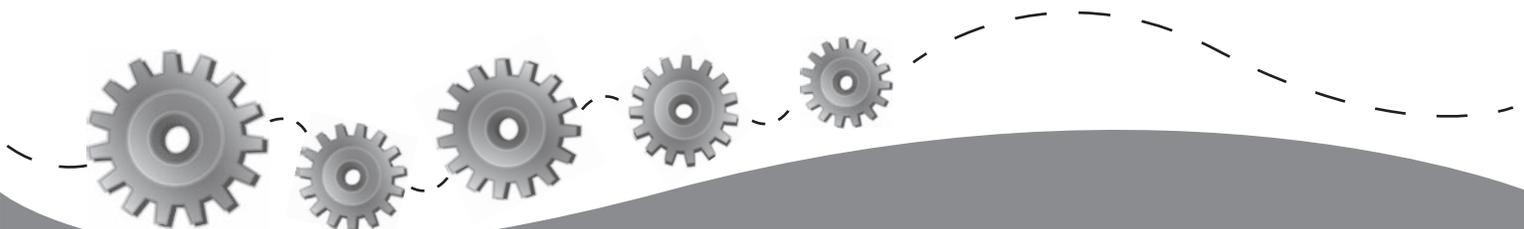
My product is the E-Z Hair Styler! It does your hair in just seconds. You can also select the color you want your hair to be. It is comprised of two components. The nanobots and the controller. The nanobots come in a can that looks like hair spray. It requires one easy application prior to the E-Z Hair Styler. For the controller you just spray your hair with the nanobots and then type in what kind of hair style and press the activate button. The nanobots control your hair and hold it in place for at least 24 hrs.

Violet N

83*/Emergency Wallet

The Emergency Wallet is for when you are playing outside or going for a walk and you trip over a rock. You pull this out of your pocket and it has bandages, wipes, bacitracin, cough drops, medicine and all the hurt goes away!

Elora B



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PROJECT GUIDE

84*/The Sled Suit

The sled suit is a suit for toddlers that has slippery plastic on the back. This allows small children to go up hills without having to carry a heavy sled. The sled suit is very warm and can be worn all the time.

Spencer R

144*/Hoth Bike

The Hoth Bike is a bicycle designed for winter use. It is fitted with a ski in place of the front wheel and a track for the back wheel. It also has a tow hook that can be used to pull sleds.

Madison L

153*/Year-Round Bright Lights

Who hates putting up and taking down Christmas lights? Don't you wish there was something to help celebrate all holidays, super easy and affordable? Well what if you could put up Christmas lights and never had to take them down? They will never die and can be used for any holiday.

Sylvia C

154*/TangleTunez

The TangleTunez is what girls love the most, music and hair. The TangleTunez is not an ordinary brush, but it is a brush with a wireless bluetooth speaker built into the brush. It is not a bulky brush. There is an app you download on your electronic to sync with the brush. The TangleTunez is waterproof, so you don't get shocked using this product. You have to charge the TangleTunez so it comes with a charger. The charging hole is on the bottom of the brush.

Markelle A

Lewis & Clark Elementary School Minot, ND Mr. T. Klein, 4th Grade

55*/Dog Poop Picker Upper

If you don't like picking up poop, well now you don't have to.

Cooper F, Tyler F

56*/Quick Saver Cart

A GPS guided shopping cart that shops to your shopping list.

Juleah R

57*/Kids Roller & Ice Skate Combo

Roller skates and ice skates in one. Attach to gym shoes or boots during the summer or winter season. At the snap roller or ice skate changes using one shoe of your choice. Ice skate tucks under shoe while roller skate wheels snap down side and locks, pull up to secure.

Camarin R

58*/Helmet Wiper

The helmet wiper works just like a windshield wiper on the visor of a helmet.

Landen S

59*/Project Unknown

Description Unknown

Zedrik L

60*/Pencil-Mencil

A tube connected to your pencil box so you don't have to have pencils everywhere and you don't have to reach into your pencil box every 5 minutes!

Carlie B, Kayla S

61*/Ice Hikers/Skates

The ice hikers/skates include an ice skate blade extension.

Sam W, Adie K

62*/A Tree In A Box

Bottom part of the tree comes out, then the middle part comes out, and the top comes out. The lights are already on it in the push of a button.

Carson S

63*/Home Work Machine

It is a machine that does homework for you and school work.

Jamyson M

64*/SoleX

Sensors inside of a gel sole that tracks your steps throughout the day. You can cut the sole to fit your shoes. You can charge them, clean them, and use an app to show your data.

Mikayla T

65*/Homemade Snowshoes

How and what you need to make homemade shoes.

Miguel M, Eric A

148*/Easy Grill

You put your food on this grill and it cooks it for you and then it puts it on your plate.

Brayden R

149*/M-I-Speaker

M-I-Speaker is a minion speaker to put your phone in and put on some music. This is homemade and if you need help call for someone that knows how to get it working.

Logan D, Dimitiry C



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150*/Helpbot

Helpbot does your laundry and fold your clothes so all you have to do is get them.

Kylynn B, Marleigh I

151*/Never Goes Out Short NGO Candle

Never goes out candle with real wax and comes with any design and use. We will sell it for \$15. If we know you, well it will be cheaper. There will be an on/off switch, but it's not real fire.

Kylynn B, Marleigh I

152*/The Auto Net

A hockey net that will return the puck back to the shooter. To practice rebounds and shooting accuracy!

Carter C

Lewis & Clark Elementary School Minot, ND Ms. A. Mueller, 4th Grade

9*/Light Bowl

A dog bowl that glows in the dark. It helps your dog see its bowl in the dark.

Paige A, Payton R, Saria E

10*/Sticky Glowing Nerf Dart

The Sticky Glowing Nerf Dart sticks to glass. It also glows in the dark quite NICELY, I might add.

Connor S, DeMarion B

11*/Mini Town

A small town made out of Lego's with glowing LED lights. Check out this "Smart Town."

William M

12*/Spray And Go

This invention is perfect if you only have 5 minutes to do your hair. You brush and spray, it will stay. Try it, it works!

Brook P, Kaitlin L

13*/Sweet Belt

A colorful belt with candy attached.

Olivia E

14*/Low-Vis

Helps low vision people while they are writing or trying to sign documents. Its all in one so they don't have to hold a flashlight and pen or find better lighting.

Scott T

15*/Candy Basketball

This clear basketball, is like any other basketball, but with bonus candy filled on the inside and basketball on the outside. You can see your next treat.

Izaiah G

16*/Sock Lock

Never lose socks in the laundry again. Sock Lock will help keep your socks together in the laundry and help you save time when folding laundry.

Riker P

17*/Fishing Buddy

Fish in shallow areas, where there are reeds, and from land or boat. For when you don't have a boat.

Andrew B

18*/Supply Holder

Our invention can hold school supplies, candy, pens, and more. It has suction cup feet so it can stick to walls or desks. You can attach it on to your wall, and hold business cards or stick it to your desk.

Elle T, Allison D

19*/Wiper Glasses

They are glasses with windshield wipers on them.

McCall M, Isaac S

20*/Drone 3000

It can drive or fly. If you get bored of flying you can drive.,

Landon E, Mitch M

21*/19 Bob

Basketball game that helps with shooting skills.

Ramsy W, Kaiden H

22*/It's An App

Project will be an easy way to make and download apps.

Helina W

23*/Backseat Activity Center

I will invent a backseat activity center for preteen boys and girls.

Makasha S

24*/Bon-App-Etit

An app that orders food like yogurt, chicken, turkey, ham anything in your fridge or freezer made ready to eat.

Jazmyne O

Lewis & Clark Elementary School Minot, ND Ms. T. McNally, 4th Grade

40*/Booster Buddy

Feeling sad, scared, or worried? Not anymore with this booster buddy! It will cheer you up, comfort you, and be your friend. It is interactive and has a soft head with a marvelously fun body - its feet have wheels to move around! You can choose from a boy or a girl. For ages 3-14.

Riley G

41*/Clothesbot

A clothing machine that will use old clothing to make new clothing.

Bria L, Ashley H

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PROJECT GUIDE

42*/Dante's Go Cups

No time to brew? These cups are for you!!! Hot, delicious beverages on the go! No measuring required! Simply choose your cup. Add hot water, stir, and enjoy!

Dante H

43*/Sliffies

A sliffie is a sleeper that has detachable feet. There will be a button that allows a person to remove the feet of the sleeper.

Maranda B

44*/Strap Wrap

The strap wrap is a padded, removable strap that men or women can use. It makes carrying heavy bags more comfortable.

Chloe B

45*/The Gravity Room

It is a room that makes you float. If you press a button it will turn off gravity in the room so that you will float. If you want the room to flip sides pull a lever.

Scout P, Taya S

46*/Eye Protector

The eye protector is glasses and curtains together as one. You can draw designs on with washable markers and it protects your eyes.

Magali M, Enrique M

47*/The Soap Chooser

Your choice of soap! You could have different choices of soap or hair shampoo all in one dispenser built into your tub. Now you can with your new automatic shower soap chooser!

Jalen B

48*/Comfort Pack

Comfort Pack rubs your back and the arm straps vibrate at the same time!

Charlie M, Jack S

49*/Keeper Outer

Keep wood chips out of your shoe tips! a shoe accessory that helps prevent wood chips, sand, and rocks from getting in your shoes.

Mackenzie A, Cadence S

50*/Phone Case Purse

A phone case that has a hook to connect to a purse. It will be easy to take off and on. It will be for an iPhone 7.

Harmony K, Savannah J

51*/A Toy-Clothes Sorter

I will invent a toy-clothes sorter so it can keep messy bedrooms clean.

Tray M

52*/Dish Switch

Need an easier way to organize the dishes in your cabinet? I have a solution for you. It's called the Dish Switch. Create extended and movable shelves to customize your cabinet space. Organize your cups, plates, and bowls to your personal liking. Build a kitchen you will be happy to come home to!

Gabe M

53*/Pet Pocket Treat Dispenser

The Pet Pocket Treat Dispenser is a small plastic container that holds treats for pets. The container closes tightly so your pet can not smell that you are carrying around treats. It also has a clip on it to attach to your clothes so you are able to have your hands free while training or playing with your animal.

Bailey J

54*/Remote Locator Sleeve

It is a device to help locate a lost remote by producing a beeping sound when lost.

Xander B

Lewis & Clark Elementary School

Minot, ND

Ms. Fjeld, 4th Grade

25*/The Soup Tamer

Chill your "hot" soup with the click of a button."

Lexis G

26*/Cookie Dipper

Tired of getting your fingers wet with milk while dunking your cookie? Or losing your cookie at the bottom of your glass? Not anymore, if you use the Cookie Dipper!

Kierstin O, Gabby W

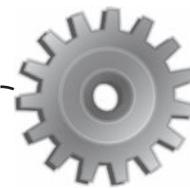
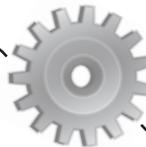
27*/Do All Dolie

A robot that when you tell it to do a chore - he'll do it for you.

Hyrum M



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28*/The Pet Goop Scoop

It gets goop out of your pet's eyes.

Natalya T, Cynthia H

29*/Sportscavator

This is used for sporting events with bleachers. It can hold all your seeds, blankets, and hats so you don't have to carry everything. This will help the problem of spilling seeds and getting blankets wet or dirty.

Skylar T

30/Project Unknown

Description Unknown

Gauge B

31*/Wrist-Purse 5000

This would be recommended for mothers with lots of kids. It's a purse that won't fall off! Plus, you can decorate it to look like a bracelet!

Eva B

32*/Stick Taper 3000

It is an automatic machine to tape hockey sticks.

Kasen R, Ashton M

33*/Finder Tag

Tag items that can get lost. Use a phone, tablet, or remote to find the lost item.

Alexander L

34*/Duct Tape Accessories

We will be showing you different ways to have fun and be creative with duct tape. Put down the electronics and use your imagination!

Brenna S, Sammi J

35*/Remote Car Snow Plow

Remote controlled car that is able to remove snow from driveways.

Seth S

36*/The Meltdown

Watch snow quickly & easily disappear with our amazing heated snow shovel.

Sasha B, Lizzy D

37*/Glovel

Glovel: A shovel with a pair of gloves on it.

Hudson L, Martin B

38*/Snack Hat

Snack Hat-Hat with a snack

Alan N

39*/The Learning Clock

The Learning Clock

Wyatt R

147*/Wind-A-Light

Wind mill that changes color when it spins.

Abby E, Leah W

Perkett Elementary School Minot, ND

Ms. N. Debertin, 4th Grade

85*/AW Basketball

AW Basketball is an invention for people who like basketball. It is a game involving remote control players and is for all ages.

Aric W

86*/Umbrella Cupholder

The Umbrella Cupholder is for when you are walking in the rain with a drink and a lot of papers. At the end of the handle of the umbrella, there is a hole in which you can put your drink.

Lily Sue L

87*/Glow T's

Glow T's are T-shirts that glow in the dark. Designs are painted on the t-shirts with glow-in-the-dark paint.

Izabella G

88*/Auto Snacker

The Auto Snacker will be your servant at dinner time! It will bring you a plate of food right to your table. It also will bring all beverages, silverware and napkins. How would you like to have a robot waitress in your own home?

Mya C

89*/Mom's Plant Keeper

Mom's Plant Keeper is made to keep pets and bugs out of indoor plants. The design covers the plant while still allowing the sun to help plants grow. It is easy to adapt to any size pot.

Doran W

90*/Make It Happen

Make It Happen is an APP where you can track your calories and your steps. You can also add people to your account and message them. M.I.H. also has trainers and videos to teach you how to stay fit. The APP also has a timer and an alarm. The APP can also track your heart rate and steps and it will show you good foods you should eat.

Karew L, Madyson R

91*/Vac-n-Pac

The Vac-n-Pac is an electric vacuum packed luggage with a retractable cord. It vacuum-seals everything inside a suitcase so your clothes and your other things will all fit.

You plug in the cord, push a button, and it will suck the air out of the suitcase, flattening your things and allowing you to travel with more items in less space.

Maya W

92*/Speed Sled

The Speed Sled is a sled that has lights on it for when you want to go sledding in the dark. You can stop it when you want to stop. You can also make it go faster or slower. Also, it comes in fun neon colors!

Zoe S, Haley C

93*/Kids Talk

My invention is an APP for kids. It is like Facebook, but parents have to okay the post or comment before anyone can see it. Parents can delete any post or comment at any time. The parents will get a message if the child posts on the page.

Samantha H

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PROJECT GUIDE & BRIGHT IDEAS SHOWCASE

94*/Heated Hockey Gloves

The Heated Hockey Gloves will help you when you are on the ice. Your Hockey Gloves will have a gadget in them to make the gloves warm up. No more freezing hands on the ice for you!

Joshua M, Thomas G, Mason J

95*/Handy Apron

Are you tired of misplacing your oven mitts? Well, with the Handy Apron, you won't any longer! It is an apron that has magnets that stick to the apron and your oven mitts. That is how the Handy Apron works!

Bruklyn S

146*/RC Hockey

Our invention is RC Hockey. It will come in sets. It comes with 1 drone (referee) and two remote control cars (players). The remote control cars have hockey sticks on the front of them. There are jerseys for the players. The game comes with boundaries, two goalie nets, and two pucks. It follows the basic hockey rules.

Jack L, Mackley M

**Perkett Elementary School
Minot, ND
Ms. H. Dewitz, 5th Grade**

96*/Clean Dog 2000

An easy way to clean your pup!

Trent H

97*/Marshmallow Holder

Easy clean marshmallow roaster.

Carter L

98*/Double-Sided Water Bottle

A sports bottle that allows you to carry 2 drinks at once.

Halle B

99*/Machine Dog Bed

An easy gadget bed for your dog.

Malika T

100*/Pretty Paws

A blend of ingredients to moisturize and enrich your puppies paws.

Hadyn S

101*/Furry Flops

Furry Flops have fur on them to make your feet comfortable.

Zana K, Devyn B

102*/Folderator

My invention helps keep clothes straight and unwrinkled. It comes apart like an accordion. You can put your clothes inside and then close it so the clothes don't fall out.

Journey L

103*/QR Instructions

QR Instructions is a device where you scan a QR code that brings you to a sight where you can watch a video of how to make the subject/object.

Kennady D, Cassidy K

104*/Snack Attack

The snack attack puts snacks in your bowl/container.

Adrienne K, Josie R

145*/Game Changer

The Game Changer tells you how long you can play video games.

Easton K

**McKinley Elementary
Minot, ND
Ms. Waldera, 4th Grade**

1*/Pocket Knife Extreme

To be able to carry multiple useful items in one spot. Also, to make it easier accessing those items.

NivieAnna F

2*/Mini Medic (Pill Vending Machine)

It's a pill vending machine that will help kids not to forget to take their medicine and it tracks how much you take.

Abigail R, Raeshal H

3*/The Merry Go Round Holder

The merry go round holder holds school supplies and other stuff. Helps keep things organized.

Josiah K

4*/Bookmarks 4 Kids

These are bookmarks that are made into fun objects. These objects can be a pokemon bookmark, a panda bookmark, a burger and fries bookmark. The bookmark slides right onto the corner of your page.

Braelyn W

**Roosevelt Elementary
Minot, ND
Mr. Jensen, 5th Grade**

5*/Bungee Holder

There is a stretchy cord and sticky hook that hangs on the ceiling and there are tabs on your book, lpad, phone, tablet, etc. That way you don't have to hold it in your hand.

Marissa F, Hannah D

6*/Cooler On The Go!

When it is a hot day and you want something cooled, but your cooled stuff starts to melt. Well we have a solution for that; its called Cooler On The Go!

Anna Q

7*/Easy Parking

A system that makes parking at stores easy.

Amilia F

8*/From Sweep To Food

A machine that dries dishes, sweeps the floor, and yes even feeds your pets.

Anaeleon W

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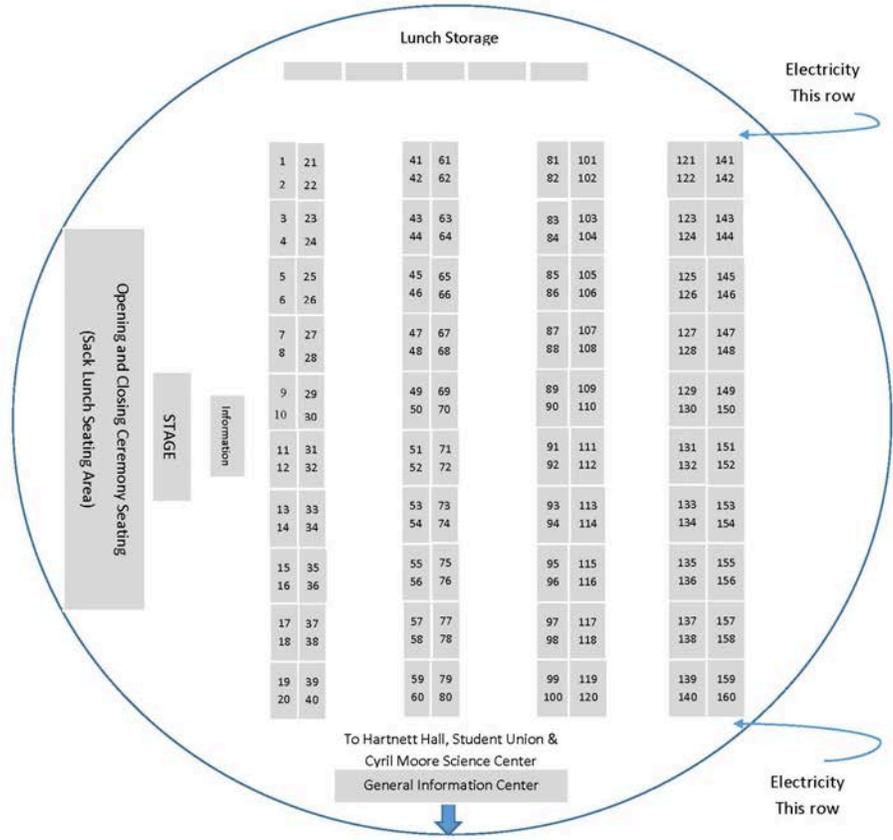
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**Minot State
UNIVERSITY**

HALL OF GREAT IDEAS
Minot State University Dome
11:30 AM - 12:25 PM



MA2016-2017 MKR Region 2M MINOT MAPS

"Hall of Great Ideas"
Minot State University Dome
11:30 a.m. – 12:30 p.m.



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Marketplace



Minot State UNIVERSITY

E. Student Union Center

Classes: M, J, F, I

G. Memorial Hall

Classes: K, B, S

H. Dome

(Hall of Great Ideas and Lunch)

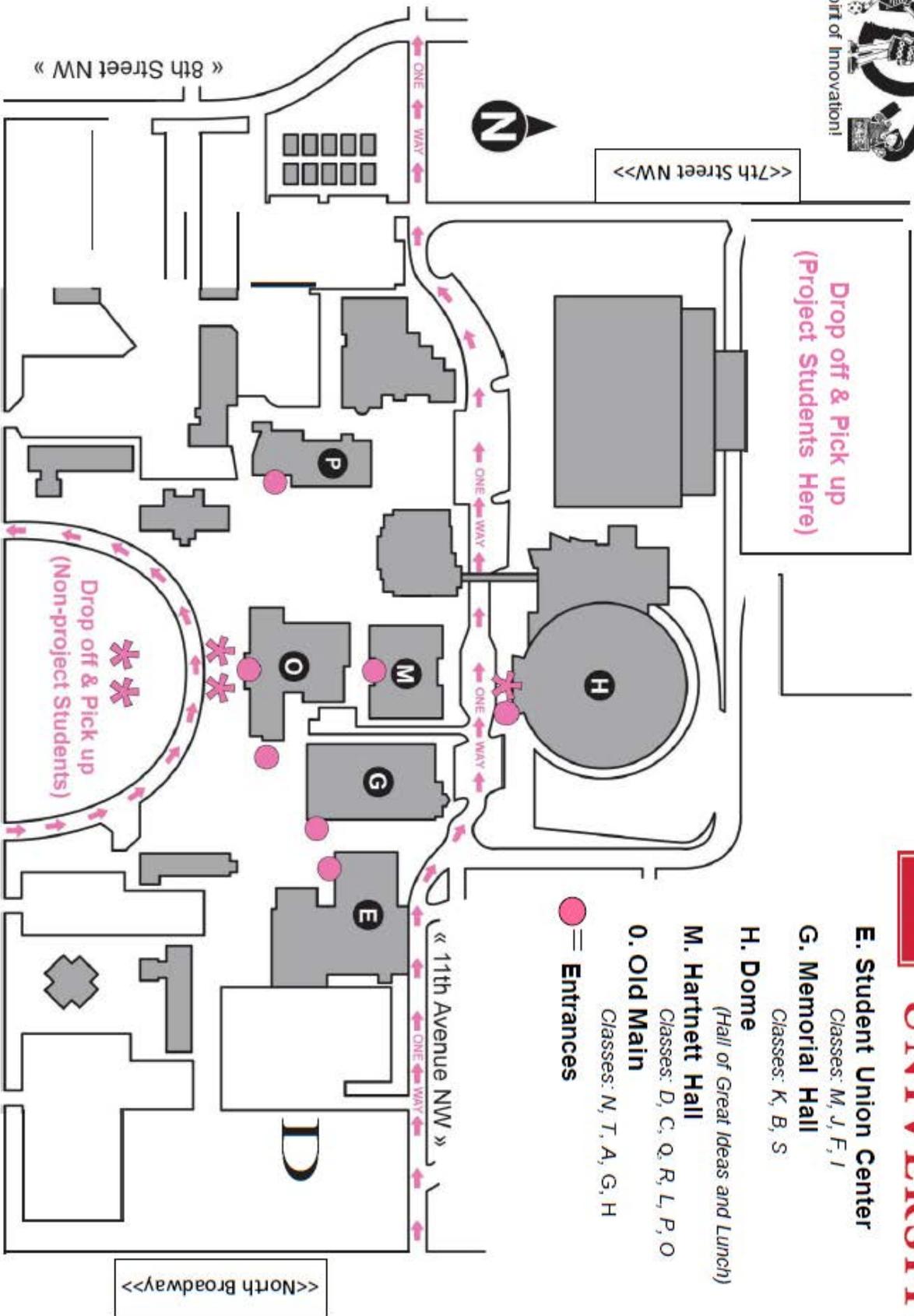
M. Hartnett Hall

Classes: D, C, Q, R, L, P, O

O. Old Main

Classes: N, T, A, G, H

 = Entrances



« University Avenue West »

PLEASE NOTE:
Marketplace for Kids and our Host facility honor the NO SMOKING Policy on ALL Campus Grounds. INSIDE and OUTSIDE! THANK YOU!