

## Education Plan for Bismarck Public Schools

### Elementary

Girls and Gadgets

Water Festival

Earth Day

Reading Green

Robotics Gr. 3-5

After School Programs

Career Academy Visits

Sparkfun Electronics

FIRST Lego League

### Middle School

Pearson Project STEM

FIRST Tech Challenge

Youth Touch

Girls in Science/NDSCS

### High School

FIRST Tech Challenge

Upward Bound

Youth Touch

National Park Program

Rosie's Girls

Nano Tech (students)

Ti-Inspire

Nano/Bio/Micro(teachers)

NECE Tours

Harrison Schmitt

Internships (students)

Externships (teachers)

Aviation Expo

National Girls Collaborative

Mother Daughter Tea

Navy Grant

## MREC

### Elementary

None

### Middle

You're Hired

Pearson Proj. STEM

Youth Touch

FIRST Tech Challenge

### High School

Pearson Proj. STEM

Youth Touch

FIRST Tech Challenge

## Partnerships

TIES	PAST FOUNDATION	National Parks
FIRST	Army	ND STEM Network
MREC	NDSU	DPI
VCSU	NDSSS	UND Aerospace
BSC	Mayville State	Minot State
DSU	Bottineau College	Girl Scouts
U of Wisconsin	U of New Mexico	National STEM Coalition
NISC	KLJ	Bartlett and West
URS	Ae2s	Bobcat
Gateway to Science	USDA	Delta Education (FOSS)

### **Community Outreach**

NDSTA Conferences	NDCTM Conference	STEM Tech Conference
Alternative Schools Conference		STEM Network meetings
Bismarck Lions	KXMB TV Noon Show	KFYR AM Radio
NSTA Conferences	NDCEL Conference	
BPS Elementary Professional Development		BPS High School Classes
BPS Department Meetings		BPS Elementary Principal Meetings
BPS School Board	MREC Meetings	Succeed 2020 Convenings

### **Accomplishments for 2013 -2014**

1. Partnership Status FIRST Robotics – FIRST Tech Challenge
2. White Paper Navy Grant
3. Youth Touch Robotics
4. Grade 5 Lego Robotics Implementation
5. Astronaut Program – ND Aeronautics Commission Grant
6. ATT&T Grant
7. Bobcat Grant
8. Ag Grant
9. NDSU Teacher Internships Bobcat
10. Student Internship Bobcat
11. Succeed 2020 Dollars for Professional Development
12. Girls in Science NDSCS
13. PAST Foundation/Ken Wesson
14. Arin Casavant – Practicum Student
15. Professional Development - Sparkfun Electronics, TI-Inspire, Youth Touch, Pearson Project STEM
16. NGSS
17. Community Outreach Presentations – NDSTA Conference, NDCTM Conference, STEM Tech Conference, Alternative Schools Conference, STEM Network meetings, Bismarck Lions, KXMB TV Noon Show, KFYZ AM Radio.