

Brandon Valley School District "Home of the Lynx"

BRANDON VALLEY HIGH SCHOOL



Five-Year Plan (2013 – 2018)

One-to-One Initiative (Appendix B)

Compiled by:
Dr. Gregg Talcott, Principal

This five-year plan projects anticipated needs in areas of curriculum, facilities, and staffing. The Brandon Valley School District continues to grow and the potential for future growth at the high school level is an important factor in this five-year plan. The figures below are representative of current enrollments and projected enrollments based on a one percent annual increase.

This Five-Year Plan has been created to reflect what the high school would need to maintain our current numbers and practices. Brandon Valley High School enrollment as of December 12, 2012, including students placed at East Dakota Alternative School programs and Volunteers of America programs was 975.

The changing times and the continued growth of the high school require us to take a look at making changes in current programs and the adding of new programs. The State graduation requirements that began with the Class of 2010 will continue to impact both staffing and course offerings as will the new state requirements that begin with the Class of 2014. NCLB accountability standards or their Common Core replacement will impact the high school as we attempt to meet adequate yearly progress requirements and keep off of school improvement status with the South Dakota Department of Education. Should enrollments continue to increase we will require additional staffing to meet our current educational plan. It is clear that the current economic times may create great challenges to school budgets and may require difficult decisions about budgeting, staffing, class sizes... The implementation of the Common Core Standards will require changes at all levels and the testing of all students in an on-line environment will challenge our technology plans.

If the creation of Flex-books flourishes at the high school and with the increasing emphasis on 21st Century Skills and immersion of technology in the classroom it may be necessary to take another look at a one-to-one initiative. The introduction of netbooks and I pads into the market has significantly reduced the overall cost of a computer. The addition of 1000 computers to the high school would result in the need for more technology support staff and a professional technology support staff member. This proposal can be found in Appendix B.

Zero % Growth Model

	2014	2015	2016	2017	2018	2019	2020	2021	2022
12	230	245	246	280	262	252	263	266	281
11	245	246	280	262	252	263	266	281	296
10	246	280	262	252	263	266	281	296	277
9	280	262	252	263	266	281	296	277	297
Total	1001	1033	1040	1057	1043	1062	1106	1120	1151

Based on Enrollment Figures December 12, 2012
***includes East Dakota/VOA/HHS/Treatment Students**

Moderate Growth Model

	2014	2015	2016	2017	2018	2019	2020	2021	2022
Zero	1001	1033	1040	1057	1043	1062	1106	1120	1151
Growth	1001	1035.6	1047.7	1072.7	1072.2	1108.8	1175.3	1213.2	1271.5
Increase	0.0	2.6	7.7	15.7	29.2	46.8	69.3	93.2	120.5

Based on Enrollment Figures December 12, 2012
***includes East Dakota/VOA/HHS/Treatment Students**

Projection is based on 2% each elementary year;
 1% each middle school year;
 0% each high school year

Progressive Growth Model

	2014	2015	2016	2017	2018	2019	2020	2021	2022
Zero	1001	1033	1040	1057	1043	1062	1106	1120	1151
Growth	1011.1	1056.3	1079.4	1116.1	1126.6	1176.5	1259.4	1312.8	1389.3
Increase	10.1	23.3	39.4	59.1	83.6	114.5	153.4	192.8	238.3

Based on Enrollment Figures December 12, 2012
***includes East Dakota/VOA/HHS/Treatment Students**

Projection is based on 3% each elementary year;
 2% each middle school year;
 1% each high school year

2013-2014 SCHOOL YEAR

Staffing Needs and Requests:

A. School Counselor/Drug and Alcohol Counselor\$50,000

Rationale

The zero or moderate projected enrollment increases would place each counselor with over 500 students on their caseload. The state graduation requirements and checklists will be starting to make a major impact and requiring more time to meet the needs of the students. This position could also serve as a district drug and alcohol counselor to meet ever increasing needs in this area.

*Under either the zero or moderate growth models enrollment is projected to increase slightly. No additional teaching staff is requested

B. Off-site placement increases Phase 1(East Dakota/VOA/CTE)\$30,000

Curriculum Needs:

A. Swing Year curriculum adoption.....\$75,000

- a. Family and Consumer Science
- b. Foreign Language
- c. Business
- d. Guidance
- e. Library
- f. Computer
- g. Industrial Technology
- h. Ag/Shop

B. Consumables (Honors English and Rising Scholars)\$10,000

C. Training and Curriculum for additional Rising Scholars courses.....\$10,000

D. Freshmen Orientation\$2,500

E. Challenge Day\$3,500

Equipment Needs:

A. Band instruments\$9,000

B. Four staff replacement computers (Bartscher, Hogie, Terpstra, New Counselor)\$4,000

C. Replace Computer Lab 117\$35,000

D. Update some equipment in wood shop and welding areas.....\$40,000

Physical Plant Needs:

A. Move Resource Officer's Office to the Commons..... Mr. Williams

B. Secure outside doors..... Mr. Williams

C. Update the six kitchen labs in the Family & Consumer Science rooms Mr. Williams

D. Update Junior Hallway Girls' Bathroom..... Mr. Williams

E. New lighting in Band Room Mr. Williams

F. Floor tile replaced in Commons..... Mr. Williams

G. Floor tile replaced in halls of Activity Center..... Mr. Williams

H. Floor tile replaced in ends of Activity Center and Auxiliary Gym..... Mr. Williams

I. Ceiling Tile Replacements in Rooms: 201, 204 and Office and store room , 205 Office, Upstairs Hall by old gym balcony, Lower Level Girls Locker Room Storage area..... Mr. Williams

J. Floor drain in Art Room (112)..... Mr. Williams

K. AHU for 110,111,113,114,115,116,122,123,124,125,126,127, Ramp Mr. Williams

L. Move sound source in Activities Center (per Kevin Brick)\$2,000

2014-2015 SCHOOL YEAR

Staffing Needs and Requests:

*Under either the zero or moderate growth models enrollment is projected to increase slightly. No additional teaching staff is requested

Curriculum Needs:

A. Mathematics curriculum adoption.....	\$15,000
(Flex-book curriculum time – Algebra 1, Algebra 2, Geometry, Informal Geometry, Consumer Math)	
B. Consumables (Honors English and Rising Scholars)	\$10,000
C. Curriculum for Rising Scholars Math classes	\$20,000
D. Software purchases	\$9,000
E. Training and Curriculum for new courses (State Health requirement)	\$6,000
F. Freshmen Orientation	\$2,500
G. Challenge Day	\$6,000

Equipment Needs:

A. Band instruments	\$10,000
B. 16 staff replacement computers	\$16,000
C. Update some equipment in wood shop and welding areas.....	\$40,000
D. Replace Audio Board in PAC (per Kevin Brick)	\$20,000

Physical Plant Needs:

A. Locker replacement in hall that goes to City Library	Mr. Williams
B. Carpet in PAC.....	Mr. Williams
C. Update North End and Shop Bathrooms and Old Locker rooms	Mr. Williams
D. Install parking lot lighting on east side of high school.....	Mr. Williams
E. New lighting Activities Center.....	Mr. Williams
F. New Lighting Band Room	Mr. Williams
G. 2 x 2 Ceiling Tile Replacement (per Merlyn Bosch).....	Mr. Williams
H. Floor Tike Replacement (per Merlyn Bosch)	Mr. Williams

2015-2016 SCHOOL YEAR

Staffing Needs and Requests:

A. Off-site placement increases Phase 2(East Dakota/VOA/CTE).....	\$30,000
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Curriculum Needs:

A. Language Arts curriculum adoption.....	\$110,000
B Consumables (Honors English and Rising Scholars).....	\$8,500
C. Training and Curriculum for new courses	\$6,000
D. Freshmen Orientation	\$2,500
B. Challenge Day	\$6,000

Equipment Needs:

A. Band instruments	\$10,000
B. 27 staff replacement computers	\$27,000
C. Update computers in room 202	\$35,000
D. Update computers in NovaNET lab (14).....	\$14,000
E. Replace Lighting Console in PAC (per Kevin Brick)	\$15,000

Physical Plant Needs:

A. Replace flooring and carpet in the library	Mr. Williams
B. Replace AHU in North Gym and add air conditioning.....	Mr. Williams
C. Replace louvered classroom doors in 1967 area of high school Phase I.....	Mr. Williams
D. 2 x 2 Ceiling Tile Replacement (per Merlyn Bosch).....	Mr. Williams
E. Floor Tile Replacement (per Merlyn Bosch)	Mr. Williams

2016-2017 SCHOOL YEAR

Staffing Needs and Requests:

Two additional teaching positions\$100,000

Rationale – Under either the zero or moderate growth models enrollment is projected to have increased over 75-100 students since the addition of a new teaching position. A review of class sizes in the core area may determine that it is time to consider two additional teaching positions.

Curriculum Needs:

A. Social Studies curriculum adoption (Flex-book curriculum time).....\$15,000
B. Rising Scholars Social Studies textbooks\$20,000
C. Consumables (Honors English and Rising Scholars)\$8,500
D. Training and Curriculum for new courses\$6,000
E. Challenge Day\$6,000
F. Freshmen Orientation\$2,500

Equipment Needs:

A. Band instruments\$10,000
B. Twelve staff replacement computers\$12,000
C. Update computers in 203\$35,000
D. Update computers in 121\$35,000
E. Update computers in 128\$35,000
F. Replace 6 library computers\$6,000

Physical Plant Needs:

A. Replace louvered classroom doors in 1967 area of high school Phase II..... Mr. Williams
B. Replace flooring and carpeting in the library Mr. Williams

2017-2018 SCHOOL YEAR

Staffing Needs and Requests:

*Under either the zero or moderate growth models enrollment is projected to increase slightly. No additional teaching staff is requested

Curriculum Needs:

A. Science curriculum adoption (Flex-book curriculum time).....\$15,000
B. Advanced/Placement/Rising Scholars Science textbooks\$15,000
C. Consumables (Honors English and Rising Scholars)\$8,500
D. Freshmen Orientation.....\$2,500
E. Challenge Day.....\$6,000

Equipment Needs:

A. Band instruments\$15,000
B. One Staff replacement computer\$1,000
C. Update library computers (6)\$6,000

Physical Plant Needs:

A. Replace louvered classroom doors in 1967 area of high school Phase III..... Mr. Williams
B. Update 1967 Locker rooms..... Mr. Williams
C. Add Chorus Room and Scene Shop on west side of PAC..... Mr. Williams

APPENDIX A

CURRICULUM IMPLEMENTATIONS

- Swing Year (2013-14) \$75,000
- Mathematics (2014-15) \$35,000 Flexbooks/Replace Rising Scholars Books
- Language Arts (2015-2016) \$110,000
- Social Studies (2016-2017) \$35,000 Flexbooks/ Replace Rising Scholars Books
- Science (2017-2018) \$30,000 Flexbooks/ Replace Rising Scholars Books

BVHS CURRICULUM 2013 – 2014 COURSE CHANGES/ADDITIONS

- Rising Scholars
 - History of Civilization 1 (3 credits) New course
 - History of Civilization 2 (3 credits) New course
- Non-college bound Algebra 2

PROJECTED FUTURE CHANGES /ADDITIONS

- Additional Rising Scholars classes as deemed possible by staff certification and student interest
- Senior Project
- On-site Alternative School

OTHER TOPICS

- Summer Academy for transitioning of at-risk eighth graders

APPENDIX B

ONE-TO-ONE COMPUTER INITIATIVE

There are many schools in South Dakota and across the nation that provide their students computers for use in all of their classes. Technology is an integral part of the lives of the children of today. Cell phones, ipods, ipads, blogs, Facebook, Youtube... are but a few examples of how our students interact with technology. One of the few places where students have very little direct contact with technology is in our school. An occasional trip to a computer lab, the use of a smartboard when it is your turn to interact with the tool, or clicking on an instant response remote put our students significantly behind students that have full-time access to computers. The day will come when each student having a computer is as normal as every student receiving a book.

This initiative would result in a large recurring expenditure from the Capital Outlay fund some of which could be recovered in not spending on some current expenditures. If the high school were to implement a one-to-one initiative it would eliminate almost all of the books that we currently use. It would significantly reduce our need for printed handouts and tests. It would eliminate the need to stock additional labs and would make taking State-mandated tests on-line no longer a concern. Students who are absent due to illness, family needs or student activities could be connected at any wireless point. Communication between teachers and students and the office and students would be much improved. There would need to be a major shift in how instruction occurs at the high school and as a result the teachers would need curriculum time and support.

Staffing Needs and Requests:

One computer integration position \$50,000

Rationale-The successful integration of computers into the classroom will be significantly aided by adding a teacher to assist teachers with ideas and support for the educational component on this initiative.

One computer support position \$50,000

Rationale-The addition of student computers will result in a need for additional technology support for hardware and software issues.

Curriculum Needs:

- A. Teacher curriculum hours to create flex books \$40,000
- B. Software purchases \$75,000

Equipment Needs:

- A. Computers (1150 units x \$750)..... \$805,000

Physical Plant Needs:

- A. Wiring the building/servers... \$125,000