

# State Scholars south dakota

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Grade 10



State Scholars  
south dakota



# PLAN TO TAKE THE RIGHT COURSES NOW!

- Develop a Personal Learning Plan
- Take challenging courses to ensure success for college or work
  - State Scholar curriculum
  - Regent Scholar Diploma

*Use your high school time wisely.*



# What do employers want in a worker?

- Self-Starter
- Communication Skills
- Analytical Skills
- Computer/Technical Literacy
- Practical Sense/Sensitivity
- Smart/Planner/Organizer
- Reliability/Teamwork

*Randall S. Hansen, Ph.D. and Katharine Hansen*  
Quintessential Careers



# Why take challenging courses?



- Why Advanced Math?
- Why good Communication skills?
- Why Foreign Language?
- Why Higher Science including Physics?



# WHY TAKE MATH & SCIENCE CLASSES

- Careers today demand skills like problem solving, reasoning, decision making, and applying solid strategies
  - To lay foundation for bigger and better things
  - To open up new opportunities



Purple Math  
About.Com

[http://www.purplemath.com/modules/why\\_math.htm](http://www.purplemath.com/modules/why_math.htm)

<http://math.about.com/cs/algebra/algebra1.htm>



## **"Will algebra even be 'relevant' in the future?"**

- Algebra provides a wonderful grounding in math skills and can prepare you for a wide range of careers.
- Algebra provides a great mental workout and the only way you can move on to more advanced math.
- ***And . . . believe it or not, Algebra IS much easier to learn than many think!***

Purple Math

[http://www.purplemath.com/modules/why\\_math.htm](http://www.purplemath.com/modules/why_math.htm)



# Communication skills in any job...

- Public speaking, writing, giving clear and concise directions or explanations
- Reading manuals and analyzing directions
- Making decisions based on information heard, read or visualized



# Why Foreign Language?

- More and more businesses work closely with companies in other countries
  - *There are many Americans who speak languages other than English.*
- Knowing more than one language enhances opportunities
  - *Three years of language study on your transcript will catch the eye of anyone reading your job or college application.*

• Office of Foreign Language Programs, Modern Language Assn.  
26 Broadway, 3rd floor, New York, NY 10004-1789





# What's the deal with Physics?

- **Most modern technology came from physics**
- **Most branches of sciences contain principles obtained from physics**
- **Physics classes can help polish the skills needed to score well on the ACT or SAT**
- **Physics classes hone thinking skills**
- **College success for virtually all science, computer, engineering, and premedical majors depends on passing physics**
- **A knowledge of physics is needed to understand music, art, and literature**



High School Physics Page  
[http://www.intuitutor.com/physics/p\\_hysmain.html](http://www.intuitutor.com/physics/p_hysmain.html)

# Take Meaningful Electives

- Use your time in school to explore your career interest area and determine whether it is a good fit
- Get experience (part-time work, volunteering)
- Try out career areas you may have interest in pursuing (Job Shadow, Youth Internship)
- Develop a Personal Learning Plan based on your skills and interests



# How do I select electives?

- Develop a Personal Learning Plan based on your career cluster choice
- Choose electives based on a post-secondary Program of Study

*Don't sign up for classes just because they are "easy" --  
make your time in school count.*



# Sixteen Career Clusters

Agriculture, Food &  
Natural Resources

Finance

Architecture &  
Construction

Education & Training

Arts, AV Tech &  
Communications

Government & Public  
Administration

Business, Mgt & Admin.

Health Science

Hospitality & Tourism

Manufacturing

Human Services

Marketing Sales & Services

Information Technology

Science, Tech, Engineering  
& Mathematics

Law, Public Safety,  
Corrections & Security

Transportation, Distribution  
& Logistics

# Finding career possibilities

- Utilize Guidance Central
  - Understand your career interests and see how they may relate to your future career choice
  - Utilize Interest Inventories to determine possible career interest areas
- Try Internships
- Join clubs, organizations and school teams that will give you experience working with others.
- Find summer jobs within your interest area
- Volunteer



# Develop a plan for high school

- Get the required subjects for graduation
- Get the subjects that will prepare you for college or work (State Scholar, Regents Scholar curriculum)
- Take electives that prepare you for your career
- Plan to participate in supporting activities



# The Plan

- Finalize by the end of Sophomore year
- Follow the plan and don't give up if you have difficulty
- Make your plan one that will work for you
- Make the senior year productive, don't waste your valuable time (Senior Project, challenging courses)





# Program of Study Hospitality and Tourism

	English	Math	Science	Social Studies / Science	S.D. Required Electives	State Scholars	Career and Technical Education Cluster Specific
➤ Interest Inventory Administered and Plan of Study Initiated for all Students							
9	English I	Algebra I or Geometry	Physical Science	World History & Geography	PE/Health	Foreign Language	<b>Introduction to Hospitality &amp; Tourism</b>
10	English II	Geometry or Algebra II	Biology I or Chemistry		Fine Arts Elective  Computer Technology	Foreign Language	
➤ Academic/Career Advisement Provided – College Placement Assessments							
11	American Lit & Speech		Anatomy & Physiology or Physics	American History		Chemistry	<b>Food Service &amp; Restaurant Management</b>
12	English IV	Pre-Calculus, Trigonometry or Calculus OR <i>College Credit Math</i>	AP Biology, AP Chemistry	U.S. Government & Psychology	Personal Finance or Economics	Physics	<b>Pro Start (National Certification)</b>  <b>Internship Senior Project</b>



# Focus on the prize

- Graduate ready for post-secondary training (State Scholar, Regents Diploma)
- Develop an action plan for after high school training and follow the plan
- Utilize your resources to plan for the right school, the right major/program, college loans, entrance procedures, and entrance requirements/deadlines (Guidance Central)



# Program of Study

## South Dakota State Scholar

- 4 Credits of English
- 3.5 Credits of Social Studies\*
- 3 Credits of Mathematics\*\*
- 3 Credits of Science\*\*\*
- 2 Credits of Foreign Language
- 4 Classes in Career Cluster Interest Areas\*\*\*\*

\*Can include .5 credit of Economics/finance

\*\*Algebra and higher

\*\*\*Lab-based Science to include: Biology, Chemistry and Physics

\*\*\*\*Should include classes that relate to the student's Career Cluster interest areas and is not restricted to CTE classes only



# END NOTES

1. Clifford Adelman, *Answers in the Toolbox: Academic Intensity, Attendance Patterns, and Bachelor's Degree Attainment* (Washington, D.C.: U.S. Department of Education, 1999; also see Clifford Adelman, *The Toolbox Revisited: Paths for Degree Completion from High School Through College* (Washington, D.C.: U.S. Department of Education, 2006).
  - [HTTP://DOE.SD.GOV/OCTE](http://DOE.SD.GOV/OCTE)
  - [www.sd.bridges.com](http://www.sd.bridges.com)
  - [www.careerclusters.org](http://www.careerclusters.org)
  - <http://www.collegeboard.com/student/plan/action/seniors.html>

