

setting your sights on career plans

Do you have any careers in mind for your future? Do you plan to go to college or technical school after high school? What's the big rush?" You have several years before you graduate from high school. Why worry about what you're going to do after that?

Keep your options open!

A world of exciting career options await. You can prepare for those careers in many ways. It's okay if you don't know what you want to be. It is natural and even good not to focus on a specific career path at your age. You also don't have to decide now whether you want to go to school after you graduate. But now *is* the perfect time to explore the possibilities and plan for high school.

Why worry about high school now?

With all the subjects you'll need to take in high school and all the cool electives you can choose,

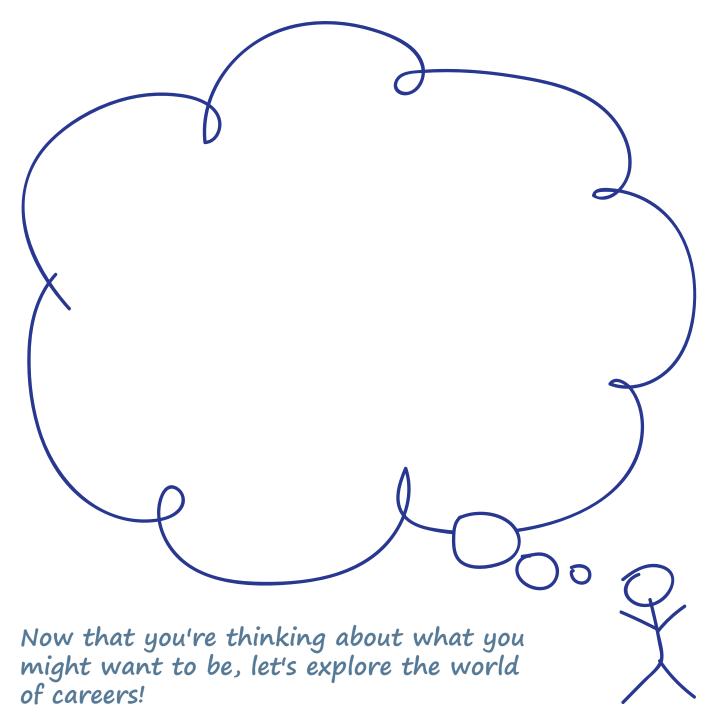
it is important you plan what courses to take each year well ahead of time. Take as many courses as you can in high school while they are free, rather than paying for them in college!

、	-
	\
$(\bigcirc$	-
5	1
	1:
	L
	7
	(
	C
	L

Setting your sights on career plans	inside front cover
When I grow up	1
The big deal about career planning	2
Buying power	4
Steps to your future	5
Look within – values, comfort zones, skills & aptitudes	6
Trending - hot careers	9
Career clusters interest survey	10
Career clusters	16
Learn more/career exploration questions	33
Monthly budget: Will your income cover your expenses	34
Core building	37
Be prepared	38
Ya gotta getta plan	42
SD high school graduation requirements	43
Higher ed	44
SD Board of Regents admission & scholarship requirements	45
Every penny counts	46
Habits to break while in school	47
The sky's the limit	48
Websites for career information	inside back cover

when I grow up...

Even if you haven't thought to much about careers, someone has probably asked what you want to be when you grow up. Your answer might have been the same or changed each time! Draw or write the first thing you remember wanting to be below. Do you still want to be the same thing, or have you added other job ideas or changed your mind since then?





It's a matter of TIME.

One of the biggest reasons to plan for a career you'll enjoy is time. Some simple math illustrates the importance of time:

The average person works until the age of 55, at least. Suppose you start working when you're 20. That means you'll spend at least how many years of your life working?

1._____

Let's look at the time spent working from the percentage of time spent working. First, figure out how many total hours there are in a week.

2._____

3._____

In other words ...

The average person needs eight hours of sleep a night. Figure out how many hours a week that equals. Then subtract sleeping hours in a week from the total number of hours in a week in step 2.

The majority of people work

at least 40 hours a week, either at one job or two or more jobs. Subtract those hours from the remaining (non-sleeping) hours in a week.

Now, figure out what percentage of your nonsleeping time each week you'll spend working

5._____

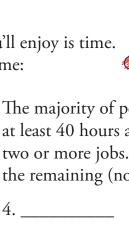
Wouldn't you prefer to spend all that time at a job you enjoy, rather than one you hate?

Plus, your work may often influence the people you hang out with where you live

- time spent with family and friends
- your leisure activities and hobbies, etc.

your career will be a major part of who you are!

1. 55 - 20 = 35 years **2.** 24 x 7 = 168 hours **3.** 168 - 56= 112 hours **4.** 112 - 40 = 72 hours **5.** 40 ÷ 112 = 36% :sıəwsuA



The **big deal** about career planning, continued

Why worry now about education beyond high school?

Education beyond high school can be the key to the kind of life you want. Those who complete some type of education or training after high school graduation:

- have a wider range of job possibilities and options;
- develop lifelong learning skills;
- are in a better position to help their families and communities;
- get a better start in life. They learn to express their thoughts clearly, make informed decisions and use technology – all useful skills on and off the job.
- generally earn high wages and face lower unemployment levels than those who have not finished or only completed high school.

Money talks:

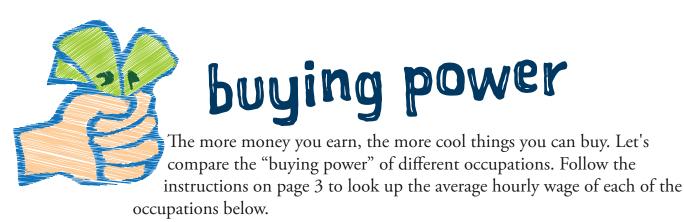
Education after high school can open doors to better-paying jobs, better working conditions (like hours and work settings), benefits and opportunities to move up. According to the U.S. Bureau of Labor Statistics (BLS), learning more equals earning more and being less likely to become unemployed. For the most recent information available, visit www.bls.gov/emp/chart-unemployment-earnings-education.htm.



To find the most recent South Dakota wage data available, visit dlr.sd.gov/Imic, then

- Choose "Wages & Income" from the menu at the left
- Then choose "Wages by Occupation"

Other sites with educational requirements and wage information: O*Net Online: www.onetonline.org My Next Move: www.mynextmove.org Occupational Outlook Handbook: www.bls.gov/ooh



If you want to buy a tablet for \$529, how many hours would you have to work in each of these occupations (based on the average wage) to pay for the tablet? Round decimals to the nearest tenth. (For this activity, do not worry about things like sales tax or paycheck withholdings.)

Occupation	Average Hourly Wage	Hours Needed?
Retail Salesperson		
Food Service Supervisor		
Electrician		
Highway Maintenance Worker		
Management Analyst		
Chief Executive		
Educational, Guidance and Career Counselors & Advisors		
Nurse Practitioner		
Pharmacist		

Management Analysts	05.96\$	sīuod ∂.₽l
Highway Maintenance Workers	ħ6.71≵	29.5 hours
Electricians	76.22\$	23.1 hours
Preparation & Serving Workers		
First-Line Supervisors of Food	££.71\$	30.5 hours
Retail Salespersons	26.21\$	33.1 hours

Pharmacists	62.82\$	sinod I.Q
Nurse Practitioners	95.64\$	10.7 hours
Career Counselors & Advisors		
Educational, Guidance, and	₽9.12\$	24.4 hours
Chief Executives	₹154.72	4.2 hours



1. Explore who you are

What do you like to do? How do you spend your free time? What are your favorite classes in school? Use career programs your school may have. They help you learn more about how your interests relate to career options. Get advice from school counselors, teachers and parents. Career interest surveys may help determine areas of interest too. The Career Cluster-based interest survey on pages 10 to 15 offers guidance for your career discussions. The South Dakota Career Interest Survey

(SDCIS) on the Labor Market Information Center's website is also valuable tool in career interest exploration.

2. Learn about careers you like. Do you know people whose careers appeal to you? Find out as much as you can about their jobs. Is job shadowing an option? If you can't think of anyone who works in career areas that interest you, ask your parents, teachers, counselors, neighbors and business leaders for suggestions. Also use websites such as My Next Move (www.mynextmove.org) and Occupational Outlook Handbook (www.bls.gov/ooh) to learn about careers.

3. Begin focusing on career areas. Eventually, you will narrow your choices to a group of related careers that seem to fit you best. To help you decide which careers to focus on, consider all the things you learned in steps one and two. Keep in mind all the things you know about yourself.

4. Prepare yourself.

Find out what you need to do to prepare for careers that interest you and start planning. Figure out the courses you should take in high school. See the tips on pages 38 to 43.

5. Write down your plans.

People who write down their goals commit more to achieving them. Keep records in a safe place. Schools may provide career portfolios or personal learning plans. **Your career interests and goals will likely change over time.** Change your plan when needed. Refer to it along the way and keep striving for your goals!

South Dakota Career Interest Survey

The SDCIS helps find occupations you might like. Rate how much you like or dislike the listed work-related activities. Your answers are tallied to calculate scores for six career interest areas. Check out the occupations listed in at least your top two career interest areas!

Visit www.dlr.sd.gov/lmic & click on South Dakota Career Interest Survey under Tools & Resources in the left menu to get started.

South Dakota

Career Interest Survey



means an occupation is among the 30 occupations with the hottest outlook.

by an occupation means it's a hot career. For more on hot careers, see page 9.



look within

Understanding your values, comfort zones, skills and aptitudes

To choose a career that will fit you well, first you have to understand yourself. Explore who you are. Know your likes and dislikes. Recognize what you are good at, and what you are not so good at. What things are most important to you? Pay attention to the way you feel about your experiences. All these things help you figure out the kind of work you might enjoy someday. The checklists on the next few pages will give you a start.

values

What do you value most?

From the list at the right, think about what things are most important to you. Which ones make you feel best? Which ones would you be most upset not to have? Prioritize the six or seven you value most by writing a "1" in the blank in front of the thing that is most important to you, a "2" for the thing that is next most important to you, etc. If some of the things your value most are not on this list, add them.

- _____ acceptance
- _____ material possessions
- _____ security
- _____ status
- ____ people
- _____ challenge
- _____ creativity
- _____ independence
- ____ power
- _____ family
- _____ other (please specify ______)
- _____ other (please specify ______)

in the ZONE

Your workplace comfort zones

It is important to learn about various careers' working conditions. Think about how well they would fit you. For example, if you don't like to sit still for very long, you probably would not be happy working mainly at a desk.

Likes and Dislikes

Write an "L" in the blank beside the working environments you think you would like. Write a "D" in the blank beside those you think you would dislike. As you learn more about careers, keep your preferred "comfort zones" in mind. <u>Online sources</u> like the Occupational Outlook Handbook, My Next Move and O*NET Online can provide information on the working conditions of specific careers.

- ____ outside work
- ____ inside work
- ____ quiet environment
- ____ noisy environment
- ____ risk-taking work
- _____ safe, predictable work
- ____ rotating shift work
- ____ regular hours
- ____ weekend work
- ____ physical work

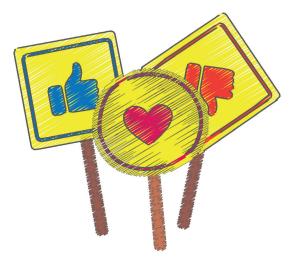
sources for working conditions ____ non-physical work

- ____ overnight travel
- ____ extended travel
- ____ repeating tasks
- ____ variety of tasks
- _____ working with people
- ____ working with things
- ____ working with data
- ____ working with ideas

Occupational Outlook Handbook

My Next Move www.mynextmove.org

O*NET Online www.onetonline.org





talent show Your aptitudes & skills

What do you enjoy?

Think about how you spend your free time. It could be helping children, playing sports, cooking, doing paperwork, reading or anything else.

1.

2.

3.

What are your aptitudes?

What are you naturally good at, either physically or mentally? It could be getting along well with other people, quickly grasping how to do math problems or being able to carry a perfect musical pitch.

1.

2.

3.

What are your skills?

Skills are slightly different than aptitudes. While aptitudes are natural abilities or talents, skills are the abilities gained through training and practice. Your skills could be in any of several areas, such as art, a craft or science.

1.

2.

3.

Not sure what your aptitudes or skills may be?

Ask someone who knows you well (like a relative or teacher) for help.





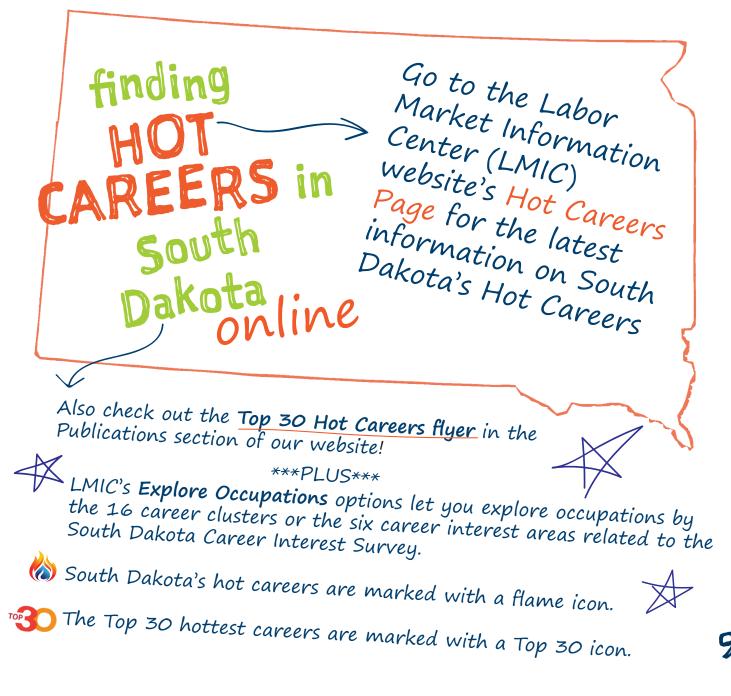
Some of your interests, values and skills may change over time, but many will stay the same. Keep this information in your career portfolio or personal learning plan along with your goals. Refer to it often and update it as you develop your career plans.

trending ... HOT careers

Your interests and aptitudes should be the biggest factors in choosing a career. Knowing about career trends and hot careers in the job market helps. Hot careers are those that pay better than average and are projected to need the most workers.



Knowing the social and economic factors driving career trends might pay off even if you have no interest in careers on the hot list. You may be able to use that knowledge for careers you do want to pursue. Maybe you want to be an accountant so "hot" health care occupations do not interest you; however, knowing health care is a growing, good-paying field, you may consider working as an accountant for a health care provider.



career clusters interest survey

This career interest survey can help kick start thoughts about your career plans. Your results will point to some general work areas for career possibilities. Remember, your interests may change over time. The survey is intended to help with informal career exploration and makes no claims of statistical reliability.

Circle the items in each box that best describe you. You may circle as many items as you want. When done, add the number of circles in each box to see which three have the highest totals.

box 1	Activities that describe what I like to do: • Learn how things grow and stay alive • Make the best use of the earth's natural resources • Hunt and/or fish • Protect the environment • Be outdoors in all kinds of weather • Plan, budget and keep records • Operate machines and keep them in good repair	Personal qualities that describe me: • Self-reliant • Nature lover • Physically active • Planner • Creative problem solver	School subjects I like: • Math • Life Sciences • Earth Sciences • Chemistry • Agriculture	Total number circled
----------	--	--	---	----------------------------

^{ьох}	Activities that describe what I like to do: • Read and follow blueprints and/or instructions • Picture in my mind what a finished product looks like	 that describe me: Curious Good at following directions 	School subjects I like: • Math • Drafting	Total number circled
	 Work with my hands Perform work that requires precise results Solve technical problems Visit and learn from beautiful, historic or interesting buildings Follow logical, step-by-step procedures 	 Pay attention to detail Good at visualizing possibilities Patient and persistent 	 Physical Sciences Construction Trades Electrical Trades/ Heat, Air Conditioning and Refrigeration/ Technology Education 	\bigcirc

вох	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects I like:	Total number
	Use my imagination to communicate new information to a these	Creative and imaginative	Art/Graphic Design	circled
3	to others • Perform in front of others	 Good communicator/good vocabulary 	• Music	
	Read and write	Curious about new technology	 Speech and Drama Journalism/Literature 	$\langle \rangle$
	Play a musical instrument	Relate well to feelings and	Audiovisual	
	Perform creative, artistic activities	thoughts of others	Technologies	
	Use video and recording technology	Determined/tenacious		
	Design brochures and posters			

This survey does not make any claims of statistical reliability and has not been normed. It is intended for use as a guidance tool to general discussion about careers and is valid for that purpose. Source: Advance CTE: State Leaders Connecting Learning to Work

career clusters interest surveu

Circle the items in each box that best describe you. You may circle as many items as you want. When done, add the number of circles in each box to see which three have the highest totals.

		0		
box	Activities that describe what I like to do: • Perform routine, organized activities, but can be flexible	Personal qualities that describe me: •Organized	School subjects I like: • Computer Applications/Business	Total number circled
T	Work with numbers and detailed information	 Practical and logical Patient 	and Information Technology	
	 Be the leader in a group Make business contact with people 	Tactful Responsible	• Accounting	
	Work with computer programs Create reports and communicate ideas		• Math • English	
	 Plan my work and follow instructions without close supervision 		Economics	
	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects I like:	Total number
box	 Communicate with different types of people Help others with their homework or to learn new things 	Friendly Decision maker	Language Arts Social Studies	circled
	Go to school	• Helpful	• Math	\bigcirc
	 Direct and plan activities for others Handle several responsibilities at once 	Innovative/Inquisitive Good listener	SciencePsychology	
	Acquire new information	• Good listeller	• Psychology	
	Help people overcome their challenges			
R	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects I like:	Total number
box	Work with numbers	• Trustworthy	Accounting	circled
	Work to meet a deadline Make predictions based on existing facts	Orderly Self-confident	• Math • Economics	\frown
	Have a framework of rules by which to operate	• Logical	Banking/Financial	()
	Analyze financial information and interpret it to others	Methodical or efficient	Services	
	 Handle money with accuracy and reliability Take pride in the way I dress and look 		• Business Law	

career clusters interest survey

Circle the items in each box that best describe you. You may circle as many items as you want. When done, add the number of circles in each box to see which three have the highest totals.

Activities that describe what I like to do:	Personal qualities that describe me:	School subjects I like:	Total number
 Be involved in politics Negotiate, defend and debate ideas and topics Plan activities and work cooperatively with others Work with details Perform a variety of duties that may change often Analyze information and interpret it to others Travel and see things that are new to me 	 Good communicator Competitive Service-minded Well organized Problem solver 	• Government • Language Arts • History • Math • Foreign Language	circled
Activities that describe what I like to do: • Work under pressure • Help sick people and animals • Make decisions based on logic and information • Participate in health and science classes • Respond quickly and calmly in emergencies • Work as a member of a team • Follow guidelines precisely and meet strict standards of accuracy	Personal qualities that describe me: • Compassionate and caring • Good at following directions • Conscientious and careful • Patient • Good listener	School subjects I like: • Biological Sciences • Chemistry • Math • Occupational Health • Language Arts	Total number circled
Activities that describe what I like to do: Investigate new places and activities Work with all ages and types of people Organize activities in which other people enjoy themselves Have a flexible schedule Help people make up their minds Communicate easily, tactfully and courteously Learn about other cultures	Personal qualities that describe me: • Tactful • Self-motivated • Works well with others • Outgoing • Slow to anger	School subjects I like: • Language Arts /Speech • Foreign Language • Social Sciences • Marketing • Food Services	Total number circled

career clusters interest surveu

Circle the items in each box that best describe you. You may circle as many items as you want. When done, add the number of circles in each box to see which three have the highest totals.

box 10	Activities that describe what I like to do: • Care about people, their needs and their problems • Participate in community service and volunteering • Listen to other people's viewpoints • Help people be at their best • Work with people from preschool age to old age • Think of new ways to do things • Make friends with different kinds of people	Personal qualities that describe me: • Good communicator and listener • Caring • Non-materialistic • Intuitive and logical • Non-judgmental	School subjects I like: • Language Arts • Psychology/Sociology • Family and Consumer Sciences • Finance • Foreign Language	Total number circled
ьох 11	Activities that describe what I like to do: • Work with computers • Reason clearly and logically to solve complex problems • Use machines, techniques and processes • Read technical material and diagrams and solve technical problems • Adapt to change • Play video games and figure out how they work • Concentrate for long periods without being distracted	Personal qualities that describe me: • Logical/analytical thinker • See details in the big picture • Persistent • Good concentration skills • Precise and accurate	School subjects I like: • Math • Science • Computer Tech • Communications • Graphic Design	Total number circled
ьох 12	Activities that describe what I like to do: • Work under pressure or in the face of danger • Make decisions based on my own observations • Interact with other people • Be in positions of authority • Respect rules and regulations • Debate and win arguments • Observe and analyze people's behavior	Personal qualities that describe me: • Adventurous • Dependable • Community-minded • Decisive • Optimistic	School subjects I like: •Language Arts •Psychology /Sociology •Government/History •Law Enforcement •First Aid/First Responder	Total number circled
box 13	Activities that describe what I like to do: • Work with my hands and learn that way • Put things together • Do routine, organized and accurate work • Perform activities and produce tangible results • Apply math to work out solutions • Use hand and power tools and operate equipment • Visualize objects in three dimensions from flat drawings	Personal qualities that describe me: • Practical • Observant • Physically active • Step-by-step thinker • Coordinated	School subjects I like: • Math/Geometry • Chemistry • Trade and Industry • Physics • Language Arts	Total number circled

This survey does not make any claims of statistical reliability and has not been normed. It is intended for use as a guidance tool to general discussion about careers and is valid for that purpose. Source: Advance CTE: State Leaders Connecting Learning to Work

career clusters interest surveu

Circle the items in each box that best describe you. You may circle as many items as you want. When done, add the number of circles in each box to see which three have the highest totals.

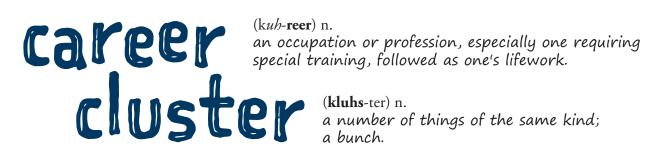
	-01 -09	U		
have	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects I like:	Total number
box	Shop and go to the mall	• Enthusiastic	Language Arts	
14	• Be in charge	Competitive	• Math	circled
	Make displays and promote ideas	Creative	Business Education/	\frown
	 Give presentations and enjoy public speaking 	 Self-motivated 	Marketing	
	 Persuade people to buy products/to participate in activities 	Persuasive	• Economics • Computer Applications	
	Communicate my ideas to other people			
	 Take advantage of opportunities to make extra money 			
	Activities that describe what I like	Personal qualities	School subjects	T -4-1
n	to do:	that describe me:	I like:	Total
box	Interpret formulas	Detail-oriented	• Math	number
15	Find the answers to questions	Inquisitive	• Science	circled
	• Work in a laboratory	Objective	Drafting	\frown
	• Figure out how things work and investigate new things	Methodical	Electronics	
	• Explore new technology	 Mechanically inclined 	Technical classes	
	• Experiment to find the best way to do something			
	 Pay attention to details and help things be precise 			
	Activities that describe what I like	Personal qualities	School subjects	-
have	to do:	that describe me:	I like:	Total
box	• Travel	Realistic	• Math	number
16	See well and have quick reflexes	Mechanical	Trade and Industry	circled
u s	Solve mechanical problems	Coordinated	Physical Sciences	
	Design efficient processes	• Observant	Economics	
	 Anticipate needs and prepare to meet them 	• Planner	• Foreign Language	
	Drive or ride			
	Move things from one place to another			_

Write yourtotals for each box on the next page

This survey does not make any claims of statistical reliability and has not been normed. It is intended for use as a guidance tool to general discussion about careers and is valid for that purpose. Source: Advance CTE: State Leaders Connecting Learning to Work



This interest survey is divided into 16 groups. Each group is a **career cluster**. Career clusters place similar occupations in groups. These clusters help narrow the thousands of career options in the world to general areas of interest. The clusters connect what you learn in school to the skills and knowledge you need after high school. A career may fit in more than one cluster.



On pages 17 through 32 we'll learn more about each of the 16 **career clusters.** As you're looking at them, pay special attention to the career options in your top three interest areas.

The 6 Career Clusters: *Agriculture, Food & Natural Resources *Architecture & Construction *Arts, Audio/Video Technology & Communications *Business Management & Administration *Education & Training *Government & Public Administration *Finance *Health Science *Hospitality & Tourism *Human Services *Information Technology *Law, Public Safety, Corrections & Security *Manufacturing *Marketing *Science, Technology, Engineering & Mathematics *Transportation, Distribution & Logistics SALE/



Some careers fit into more than one cluster.



People in agriculture, food & natural resources work with the land, water, plants, trees and animals.

Workers in this cluster might discover new food sources, process meat, care for animals, plant crops, design farm equipment or study and care for the environment.











do you like

working outdoors?	are you
tending to or training animals?	good with your hands?
🔲 gardening?	organized?
hunting, camping or fishing?	🔲 curious?
	physically active?
protecting the environment?	self-reliant?

Pathways

Occupation Examples

Purchasing Agents, Farm Products	Agribusiness Systems
Farm Investment Managers	
Farmworkers, Farm & Ranch Animals	
Supervisors of Farm, Fishing Workers	Animal Systems
Environmental Engineering Technicians	Environmental Service Services
Heating/AC Mechanics & Installers	Environmental Service Systems
Food Science Technicians	
Buyers & Purchasers, Farm Products	Food Products & Processing Systems
Conservation Scientists	N
Fish and Game Wardens	Natural Resource Systems
Agriculture & Food Science Technicians	
Pesticide Handlers/Sprayers, Vegetation	Plant Systems
Heavy Equipment Mechanics	Power, Structural & Technical
Agricultural Engineers	Systems

• Agriculture

related

Life SciencesEarth Sciences

Chemistry

• Math

& groups Volunteering at an animal shelter

- Future Farmers of America
- 4-H
- Recycling projects
- Gardening
- Hunting/fishing

People in architecture & construction

design, plan, build, manage and take care of where we live, work and play. Some design and build roads, bridges, schools, playgrounds or homes. Some work in a skilled trade, like carpentry or electrical work. Others design the inside of buildings or take care of landscaped areas.











do you like

- drawing?
- building things?

working in teams?

- _ math and science?
- figuring out how things work?

are you

- good with your hands?
- logical?
- good at following instructions?
- good at solving problems?
- concrete (prefer real things to thoughts and ideas)?

Occupation Examples Pathways

Carpenters	
Electricians	Construction
Cost Estimators	
Civil Engineer Technicians	
Architects	Design/Pre-construction
Surveyors	
Home Appliance Repairers	
Highway Maintenance Workers	Maintenance/Operations
Refrigeration Mechanics &	manicenance, operations
Installers	



People in arts, audio/video technology & communications draw on a mix of creative and

technological skills in their work. They should be able to speak and write clearly. Careers include news anchors, directors, authors, costumers and sound technicians.



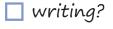








do you like



] performing?

- using your imagination?
-] technology?
-] playing an instrument?

Film & Video Editors

Broadcast Technicians

Technicians Writers & Editors

Choreographers

Directors

Audio & Video Equipment

Pre-production Technicians

Installers and Repairers

Electronics Engineers Graphic Designers

Printing Equipment Operators

Telecommunications Equipment

Multimedia Artists & Animators

Occupation Examples Pathways



- creative?
 - 🗌 a "people person"?
- 🔲 impulsive?
- expressive?
- 🔲 independent?

Audio & Video Technology & Film

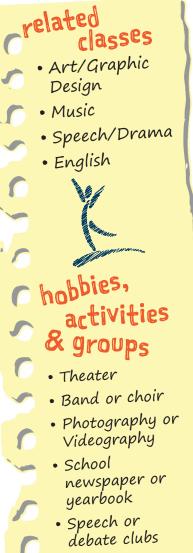
Journalism & Broadcasting

Performing Arts

Printing Technology

Telecommunications

Visual Arts



- Writing
- For more career choices, check out www.dlr.sd.gov/lmic

19

People in business management & administration plan, organize, evaluate, manage and

support the operations of businesses. Jobs are available at many levels and across many sectors. Careers include executives, supervisors, payroll clerks, cashiers or market researchers.



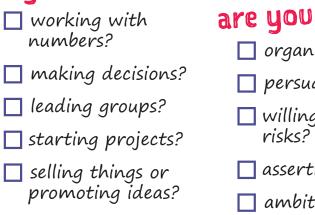






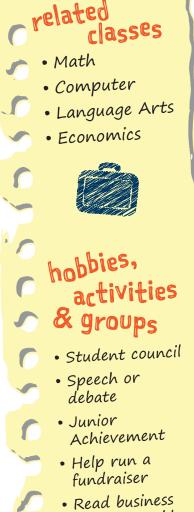


do you like



organized?

- persuasive?
- willing to take risks?
- assertive?
- ambitious?



magazines, blogs or newspapers

Occupation Examples Pathways

Receptionists & Information Clerks	Administrative Support
Office Managers	
Computer & Information System	
Managers	Business Information Management
Budget Analysts	
General Managers	General Management
Management Analysts	General Management
Human Resource Specialists	
Compensation, Benefits & Job	Human Resources Management
Analysis Specialists	
Operations Managers	Operations Management
Purchasing Managers	Operations management

People in education & training teach, guide and

train people. They want to help others learn. Some work in schools as teachers, principals or counselors. Others work as professors at universities. Some train employees at businesses while others coach sports teams.











do you like

- helping people with problems?
- playing team sports?
- volunteering?
 - going to school?
 - helping friends with schoolwork or studying?

are you

- friendly?
- 🔲 patient?
- 🔲 optimistic?
- 🗌 creative?
- 🔲 understanding?

Occupation Examples Pathways

Administrators Instructional Coordinators Principals	Administration & Administrative Support
Educational, Guidance, School & Vocational Counselors Library Technicians Speech-Language Pathologists	Professional Support Services
Teachers Fitness Trainers Professors	Teaching/Training

related classes • Social Studies • Math • Science • Language Arts • Coach a sports • Language Arts

- Volunteer for a literacy program
- Tutoring
- Speech
- For more career choices, check out www.dlr.sd.gov/lmic

People in **Tinance** keep track of money. Careers in finance include the financial planning, insurance and banking fields. Some advise businesses and individuals on how to invest and spend money while others examine financial records. Careers also include insurance agents, bank tellers and loan officers.



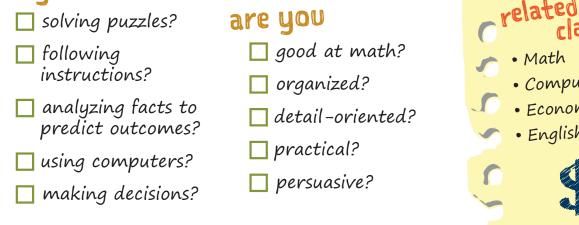








do you like



Occupation Examples Pathways

Accountants	A
Budget Analysts	Accounting
Credit Analysts	Popling Somicos
Tellers	Banking Services
Loan Officers	Business Finance
Financial Managers	Business Finance
Claims Adjusters, Examiners &	
Investigators	Insurance
Insurance Sales Agents	
Securities Sales Agents (Brokers)	
Personal Finance Advisors	Securities & Investments



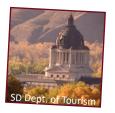
People in government & public administration work for local, state or federal governments.

Some create, pass and enforce laws and regulations. Other jobs include running government programs, defending the country and representing the country in foreign matters.











do you like

- watching/reading the news?
- volunteering?
- being a leader?
- helping others?
- participating in meetings?

are	you

- friendly?
- 🔲 ambitious?
- 🗌 responsible?
- 🗌 persuasive?
- 🗌 cooperative?



Occupation Examples Pathways

Governors	Covernance	
Policy Advisors	Governance	
Ambassadors	E min Samia	
Diplomatic Couriers	Foreign Service	
Intelligence Analysts	National Security	
Military Officers	National Security	
County Directors	Dianaina	
Urban & Regional Planners	Planning	
City Managers	Public Management &	
County Clerks	Administration	
Cargo Inspectors	Description .	
Compliance Officers	Regulation	
Tax Auditors	Revenue & Taxation	
Revenue Agents	Revenue & faxation	



People in **health science** are interested in the health and wellness of others. Careers include medical researchers, nurses, surgeons, laboratory technicians and physical therapists. They work in many different locations, including hospitals, offices, sports arenas or in a patient's home.











do you like	
taking care of others?	are you
learning about science?	attentive to details?
science:	□ curious? □ a good listener?
working as part of a team?	□ observant?
doing research?	able to work under pressure?

Occupation Examples Pathways

Pharmacists	Biotechnology Research &
Research Scientists	Development
Medical & Clinical Laboratory Technologists	Diagnostic Services
Diagnostic Medical Sonographers	
Health Educators	Health Informatics
Medical Records Technicians	
Dietitians & Nutritionists	Summant Samian
Facilities Managers	Support Services
Dental Assistants & Hygienists	Thomas outing Sometions
Physical Therapist Assistants	Therapeutic Services



 Hospital or nursing home volunteer

People in hospitality & tourism help others explore places and food. Some work in restaurants, cafeterias, bars, sporting venues, theme parks, resorts or hotels. Others lead or schedule tours and trips, manage recreation centers or plan vacations.



do you like

entertaining others?

_ traveling?

people?

time?

cooking?

working with

one thing at a









are you] a team player? friendly? able to put the needs of others before your own? doing more than patient? energetic?

Occupation Examples Pathways

Lodging
Recreation, Amusements &
Attractions
Decision of the L/Decision Combined
Restaurants & Food/Beverage Services
Travel & Tourism



- Family vacation planning
- Help fix meals

People in human services help individuals and families in areas such as child care, therapy, and other personal needs. Jobs include day care and after school providers, beauty stylists, funeral home attendants, social service workers, therapists, credit counselors and fitness instructors.











do you like

elated are you volunteering? classes patient? Social Science working in groups? • Language Arts empathetic? taking care of Physical others? friendly? settling reliable? arguments? • Math cooperative? organizing activities?

Education/ Wellness

hobbies, activities & groups

- Volunteer at a hospital or nursing home
- · Baby-sitting
- 4-H
- Help with a food, book or clothing drive

Occupation Examples Pathways

Public Relations Specialists	Computer Somilion	
Customer Service Representatives	Consumer Services	
Substance Abuse & Behavioral Disorder Counselors	Counseling & Mental Health Services	
Health Care Social Workers		
Preschool Teachers	Early Childhood Development &	
Nannies	Services	
Child, Family & School Social Workers	Family & Community Services	
Residential Advisors		
Hairstylists	Personal Care Services	
Personal & Home Care Aides		



People in information technology work with

computers and information. Jobs include installing computer software, creating video games, fixing computer problems or setting up computer networks. You can find IT jobs in almost every industry.











do you like

- using computers?
 playing video
- games?
- doing math?
- solving puzzles & riddles?
- working on your own?

- are you
 - organized?
 - 🔲 detail-oriented?
 - able to learn new computer programs easily?
 - 🔲 curious?
 - _ accurate?

Occupation Examples Pathways

Computer User Support Specialists	Information Support & Services	
Computer Systems Analysts		
Network Administrators		
Information Security Analysts	Network Systems	
Software Developers	Programming & Software	
Programmers	Development	
Web Developers	Web & Digital Communications	
Multimedia Specialists	web & Digital Communications	

related classes • Computer Technology • Math • Science • Art • Language Arts • Language Arts • Dugge Arts • Dugge Arts • Dugge Arts • Computer clubs • Create websites

- Work on the school newspaper or yearbook
- For more career choices, check out www.dlr.sd.gov/lmic

People in law, public safety, corrections & security work to enforce laws and provide security, protection and emergency services. Jobs include police officers, emergency responders,

crime scene investigators, detectives, lifeguards, lawyers and judge's.









1 2 4



do you like

protecting people?	are you	related classes
reading books or watching TV shows about law	level-headed? good at obeying rules?	 Social Science Language Arts Health/Wellness
enforcement or lawyers? making decisions?	able to stay calm in stressful situations?	• History
 helping others? volunteering? 	physically active? inquisitive?	
Occupation Examples	Pathways	hobbies, activities

Correctional Officers		
Probation Officers & Correctional	Correction Services	
Treatment Specialists		
Firefighters	Emergency & Fire Management	
Police, Fire & Ambulance Dispatchers	Services	
Police & Sheriff's Patrol Officers	Law Enforcement Services	
Detectives		
Lawyers	Legal Services	
Paralegals		
Lifeguards, Ski Patrol & Other		
Recreational Protective Service	Samuita & Duatanting Samian	
Workers	Security & Protective Services	
Security Guards		



- Debate
- Mock trials
- Field trip to a courthouse, police or fire station
- Speech
- Swimming
- Science clubs

People in manufacturing use tools to transform raw materials into products for use or sale. Much of the work is done in factories, where huge quantities of materials are turned into large amounts of goods. Manufacturing includes assembly line, maintenance, engineering and industrial design jobs.







are you

Pathways

curious?





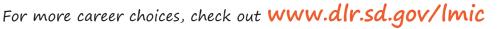
related asses Math Physical practical? Science mechanical? Language Arts Industrial systematic? Technology good at following instructions? activities & groups • Help with basic home repairs ir • Team sports • Cars Read computer and technical magazines/blogs

do you like

- working with your hands? 🔲 participating in group projects?
- figuring out how things work?
- using tools?
- tinkering with toys, machines or vehicles?

Occupation Examples

	5	
Environmental Engineers	Health, Safety and Environmental Assurance	
Safety Coordinators		
Freight, Stock & Material Movers	Logistics & Inventory Control	
Shipping Clerks		
Industrial Machinery Mechanics	Maintonanco Installation & Dona	
Mechanical Engineering Technicians	Maintenance, Installation & Rep	
Chemical Technicians	Manufacturing Production Proce Development	
Production Managers		
Welders	Production	
Machinists		
Inspectors, Testers, Sorters, Samplers & Weighers	Quality Assurance	



People in **marketing** promote and sell services or products. Some work in advertising, public relations, marketing or sales fields. Others work as part of the wholesale or retail trade industry and supply the products to consumers. Jobs include cashiers, merchandisers and market researchers.











do you like

- doing math?
- 🗌 shopping?
- Iooking at ads in magazines and on TV or the Internet?
- conducting research?
 -] planning events?

are you

- 🗌 friendly
- 🗌 outgoing?
- 🗌 persuasive?
- 🗌 creative?
- able to get along with all types of people?

Occupation Examples Pathways

Public Relations Specialists		
Merchandise Displayers &	Marketing Communications	
Window Trimmers		
Marketing Managers	Markating Management	
Product/Brand Managers	Marketing Management	
Market Research Analysts	Marketing Research	
Product Analysts		
Purchasing Agents	Manchandiaina	
Merchandisers	Merchandising	
Real Estate Sales Agents	Professional Sales	
Sales Representatives		



• Help plan a school event

People in science, technology, engineering & mathematics use math and science in areas such as

research, testing and development. Some design and conduct experiments. They collect data, answer questions and try to solve problems. Jobs include electrical engineers, physicists and mathematicians.











do you like

- learning about science?
- conducting experiments?
- building things from scratch?
- paying attention to details?
- figuring out how things work?

are you

- inquisitive (question why or how)?
- good at math?
- mechanically inclined?
- 🗌 observant?
- organized?

Occupation Examples Pathways

Civil Engineers	
Mechanical Engineers	
Industrial Engineering Technicians	Engineering & Technology
Agricultural Technicians	
Chemists	
Microbiologists	Science & Mathematics
Soil & Plant Scientists	
Math Teachers	



People in transportation, distribution & logistics make sure products, materials and people get from

one place to another. Some transport people and things by air, rail, water and road. Some plan the routes and amount of space needed to move cargo and people. Others inspect, repair and maintain systems.











do you like

🔲 traveling?	are you
learning about airplanes or trucks?	mechanical?
·	🔲 responsible?
using tools or machines?	organized?
🔲 solving brain teasers	🔲 detail-oriented?
☐ reading maps?	physically active?

Occupation Examples Pathways

Automotive Service Techs Bus & Truck Mechanics	Facility & Mobile Equipment Maintenance
Industrial Health & Safety Engineers	Health, Safety & Environmental
Compliance Officers	Management
Logisticians	Logistics Planning & Management
Storage & Distribution Managers	Services
Billing Clerks	Sales & Service
Cargo & Freight Agents	
Air Traffic Controllers	Transportation Operations
Truck Drivers	mansportation Operations
Urban & Regional Planners	Transportation Systems/Infrastructure
Freight Inspectors	Planning, Management & Regulation
Shipping & Receiving Clerks	Warehousing & Distribution Center
Warehouse Managers	Operations



learn more

Computer resources

Use online career information resources. You may be able to access a computerized career exploration resource at your school, library or Department of Labor and Regulation job service office. These resources let you explore careers of interest and help you match occupations to your personal characteristics.

Books and periodicals

There are thousands of books on occupations. Some, like encyclopedias, will provide information on a wide variety of careers. Others, such as trade journals, will give you specific information on a particular career.

Information interviewing

Interview workers who are employed in a career you are interested in. Most people like talking about their work. Prepare questions ahead of time to keep the conversation focused. Use the questions at the bottom of the page to start!

Job shadowing

Job shadowing goes beyond informational interviewing by observing people at their jobs.



find out as much as you can about careers and what they involve

Ask them to explain what they are doing and how it contributes to their workplace. Some fields with legal and safety restrictions limit job shadowing activities.

Participating

When you're old enough, learn about jobs by participating in a school-to-career work-based program, technical education program or a cooperative education program. Part-time and summer jobs also provide ways to learn about career options.

If you can't find a job, consider volunteering. Any exposure to careers that interest you is beneficial. Remember, it is important to discover which careers you *do not* like, too. It is better to find out now rather than after you have spent several years and thousands of dollars in college!

Ask your school counselor, teachers or someone at the nearest South Dakota Department of Labor and Regulation job service office which career exploration tools are available and work best for you. Also look for opportunities on your own!

What cluster(s) does the job fall in?

What do workers in the occupation really do?

What are the working conditions — work environment, hours, etc.?

What skills and knowledge are needed?

What level and area of education are needed?

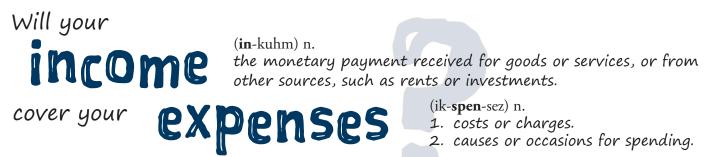
What experience is required?

How much does it pay?

What is the projected outlook for the career?



 $(\mathbf{buhj}\text{-it})$ n. an estimate of expected income and expenses for a given period in the future.



How much might it cost to live how you want? Will the career you are interested in pay for these expenses? List some of the expenses you think you may have below.

Next, complete the budget on the next two pages to see how far your paycheck might go.

To estimate monthly expenses for each item listed:

Be realistic. Living expenses vary widely from place to place, so consider where you want to live. Use resources from this area to figure out accurate costs. Use classified ads as a source for costs of housing, vehicles, etc. Classified ads are often free online. Talk with your parents, teachers or counselors about costs, too.

To estimate monthly income:

Choose a career that interests you. Use the resources below to estimate your monthly pay.

wage resources for estimating your gross monthly pay

To find current wages for South Dakota, visit www.dlr.sd.gov/lmic:

Choose "Wages & Income" from the menu on the main page

Other sites with national and state information on wages: Occupational Outlook Handbook: www.bls.gov/ooh O*Net Online: www.onetonline.org My Next Move: www.mynextmove.org

*Sites might provide two types of wages: an **average wage** and/or a **percentile wage**. See page 36 for the definitions.

budget worksheet

Expenses

1	Estimate monthly rent or a hous own home, figure \$60 for every \$	Rent/House Payment	
2	For an efficiency or one-bedroom average electric/heat bill. For a s	Electricity/Heat	
3	If you plan to borrow money to c school, plan on a minimum stud	Student Loans	
4	If you plan to own a vehicle, figu costs. This would cover your veh like auto insurance.	Vehicle Payment	
5	Ask your parents, teachers or cou additional fixed expenses. Fixed usually vary greatly in cost from o	Additional Fixed Expenses	
	Cable/streaming services	Auto insurance	
	Internet	Home/rental insurance	
	Telephone/cell phone	Real estate taxes (home owners only)	
6	Ask for an adult's help to estimate other living expenses, such as:		Other Expenses
	Health insurance	Clothing	
	Groceries	Credit Card Bills	
	Gasoline	Entertainment	
7	Add all your monthly estimated o	Total Expenses	



We did not include many additional expenses, like caring for children or pets, home or vehicle repair, utilities, furniture, savings, etc. Talk with an adult to include such costs.

budget worksheet

Income

Figure your **gross monthly pay**. Choose a career that interests you. Use the resources listed on page 34 to estimate your monthly pay.

If the wage listed is an hourly figure, multiply it by 40 to estimate a weekly figure. (This assumes you will work a standard 40-hour week.) Then multiply that number by 4.3 to estimate your monthly pay. In the sample provided, we used the average hourly wage of a cashier.

If the wage provided is an annual figure, divide the number by 12 to get a monthly estimate.

Now, estimate **deductions** for taxes (income tax and Social Security) automatically withheld from you paycheck. Figure that a minimum of 25 percent of your earnings will be withheld for expenses.

Only the standard deductions required by law are included. Many employers make additional payroll deductions for benefits such as health insurance and retirement plans.

Calculate your **monthly take-home pay**. Subtract the deductions in step 9 from the gross monthly pay in step 8.

Gross Monthly Pay

Example: \$9.87per hour <u>x 40</u> hours per week \$394.80 per week

\$394.80 per week <u>x 4.3</u> weeks/month \$1,697.64 per month

Standard Deductions

Example: \$1,697.64 <u>x .25</u> \$424.41 withheld

Net Monthly Take-home Pay

Example: \$1697.64 <u>- \$424.41</u> \$1,273.23

Difference

Finally, figure out the **difference** between your monthly income and your monthly expenses. Subtract your Total Expenses in step 7 from your net take-home pay in step 10.

> An **average wage** is the sum the earnings of all workers in an occupation, divided by the number of workers. It is also known as the **mean** wage.

A **percentile wage** represents the percentage of an occupation's workers who earn less than or equal to a wage. For example, if wages are \$11.01/hr for the 10th percentile, 10 percent earn less than or equal to \$11.01; 90 percent earn more. The 50th percentile is also known as the **median**.



What's the point of all the classes you *have* to take in middle and high school, anyway? Core classes help build basic and career-specific skills for all kinds of jobs. Basic skills include reading comprehension, active listening, written and verbal communication, math, computers and problem solving.

Write the number of the subject/classroom activity in the blank next to the *work activity* that might use that subject/classroom activity. Then match the work activity with a *career*. You may find that some of the classroom activities could help you prepare for more than one work activity or career.

Subject	Classroom Activity	Work Activity	Career
1. Art	Draw buildings	Write news reports	Architect
2. Civics	Learn how the justice system works	Test for water pollution	Accountant
3. English	Write a book report	Help people with taxes	Water Treatment Operator
4. Math	Add and subtract	Prepare a defense for a person accused of a crime	Journalist
5. Music	Learn about different styles of music	Help the poor and hungry	Administrative Assistant
6. Reading	Master reading comprehension	Interview Spanish- speaking Americans for job openings	Dancer/Choreographer
7. Science	Do a science experiment	Create a dance for a Broadway show	Paralegal
8. Social Studies	Study how people live	Summarize a 20- page report in one paragraph for your boss.	Social Worker
9. Spanish	Learn how to speak and understand a foreign language	Give presentation to convince an organization's leaders to hold their next conference at your convention center.	Employment Interviewer
10. Speech	Research, write and give a persuasive speech	Design a house	Public Relations Specialist

be prepared for whatever path you choose

Prep work

You do not need to decide on a career now. In fact, it is better not to make a decision at this point because your interests are changing. Do think about what you want to do after high school so you can plan your high school coursework before 9th grade registration. Don't wait until you are a junior or senior and then discover you don't have enough semesters left for the classes needed for a technical school or college program.

If there is a career area you like, learn about the specifics of the career and level of education or training recommended. Plan your high school coursework accordingly.

If the careers require postsecondary education, plan ahead. Your graduation goals should include the completion of all the prerequisite classes for the level of post-high school education needed for your chosen career field.

If the career area that interests you does not require postsecondary education, check out other training options. Take high school courses that will allow you to explore careers of interest and to gain the skills you will need.

Aim high

If you have no idea what career field you want to pursue, your best bet is to "aim high." Keep your options open by planning your high school coursework with the highest level of postsecondary education in mind. That way, when you choose a career to pursue, the doors to whatever educational institution you need to attend are not closed to you.

For careers requiring postsecondary education

Check into requirements

Refer often to South Dakota's high school graduation requirements as well as the

admission requirements South Dakota's public universities (see pages 43 and 45).

Universities, colleges and technical colleges sometimes recommend specific high school courses for certain programs they offer. So as soon as you have specific careers or schools in mind, check into those details. Page 45 lists the postsecondary options in South Dakota.

Technical or vocational training

Several postsecondary colleges in South Dakota offer technical or vocational training.

Technical or vocational job examples: Construction Managers Computer User Support Specialists Dental Assistants Electricians Heating, Air Conditioning & Refrigeration Mechanics & Installers Loan Officers Welders

The state's four technical colleges offer formal short-term programs (lasting a few months) to associate degree programs (most about two years). Other opportunities for formal education at less than the bachelor's degree level include private colleges, hospital-based programs and tribal-operated community colleges. Need more options? Many of the state's colleges and universities offer associate degree programs.

In all cases, programs are generally technical in nature and focus on a specific career field. The institutions work with businesses to teach the skills needed in today's workplaces. The programs include some general education as well, to prepare well-rounded individuals ready for employment. The programs are hands-on, immediately giving you a chance to get a feel for the work involved.

College & university

Depending on how many years after high school you want to invest in your career preparation, the choices are almost limitless for those with a college degree. Private colleges and public universities provide the wellrounded education employers look for when hiring.

Earning a bachelor's degree involves a minimum of four years. If you're willing to invest even more time for a master's degree (usually another year or two), additional careers would be open to you. Additional careers (such as a pharmacist, lawyer or physical therapist) are open to those who want to continue their education and get a doctorate or professional degree.

College & university job examples: Accountants Engineers Human Resources Specialists Management Analysts Physical Therapists Software Developers Soil and Plant Scientists Teachers Writers & Editors

For careers NOT requiring postsecondary education

Straight to employment

Some people decide 13 years in school is enough, so they start working immediately after high school graduation. Workers in these positions receive on-the-job training, which can vary in length from a few hours to a few years. Some of the more skilled (and higher paying) careers involve as much as three years of on-the-job training. Those who enter the job market right away should be aware that many of these jobs are not ones that people tend to be satisfied with over time. Many workers eventually move to other careers for better working conditions, wages, benefits, etc. These workers find the experience they have gained in these careers is a real plus in getting other jobs!

> Straight-to-employment job examples: Assemblers & Fabricators Construction Helpers Child Care Workers Farm & Ranch Workers Fast Food Workers Painters Retail Salespersons Telemarketers

Apprenticeship

If you are a hands-on learner, another option for career training is a Registered Apprenticeship. Apprenticeship combines training at a job with classroom studies. The focus is on the skills necessary for the occupation. Apprentices learn the latest skills and technologies employers need. They learn tasks in a structured way as experienced workers guide and supervise them.

Registered Apprenticeship job examples: Automotive Technician Butcher Carpenter Electronics Technician Fire Medic Home Health Aide Machinist Operating Engineer Structural Steel Worker

Because participants are learning at work sites, they are also earning a wage. As skills increase, so does the paycheck.

For more information on Registered Apprenticeship opportunities, contact your nearest South Dakota Department of Labor and Regulation job service office or visit the Start Today SD website at **StartTodaySD.com**.



Military

The U.S. Armed Forces provide training and work experience in a wide range of career fields. Career opportunities are divided between enlisted personnel and officers. Most enlisted personnel need at least a high school diploma or GED[®]. Enlisted personnel carry out basic operations of the military in areas such as combat, health care, engineering and construction. Officers must have a bachelor's or more advanced degree. They supervise and manage military activities.

> U.S. Military Branches: Air Force Army Coast Guard Marine Corps Air National Guard Army National Guard Space Force

(Specific career opportunities vary by branch)

Reserve Office Training Corps (ROTC) programs in each of the branches of the military offer additional opportunities for training and experience. Those who qualify

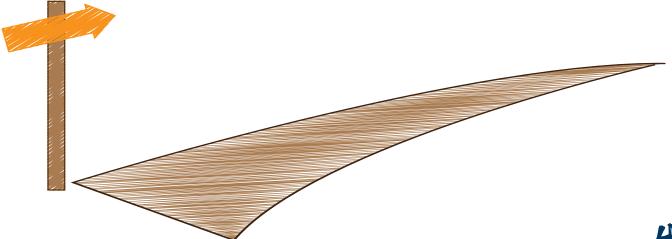
are eligible for financial assistance to attend college, in return for agreeing to serve in the military after graduation.

Specific career opportunities in the armed forces vary by military branch. Each of the armed forces listed at the left has an active and a reserve component.

For more information on career opportunities in the armed forces, visit the website www.todaysmilitary.com. "Today's Military" is an educational and informational website designed to help people better understand the U.S. military and the opportunities it represents for America's young people.

Job Corps

Another option for preparing for a career is the Job Corps program. Job Corps is a free, residential education and training program for economically challenged youth ages 16 to 24. Job Corps' mission is to teach young adults the skills they need to become employable and independent, and place them in meaningful careers or higher education. The Boxelder Job Corps Center at Nemo, South Dakota, offers training in trades including, but not limited to, carpentry, culinary arts, office administration and welding. For more information, call 1.800.733.JOBS.



Ya gotta getta plan

Whether you think you will continue your education after high school or pursue other career training options, you need a plan. Develop a written plan for each year in high school. Start with the required courses (see page 43.) South Dakota law requires that students must have a minimum of 22 units of credit to graduate.

What courses will you take for the remaining units of credit required for graduation? What additional courses will fit in your schedule?

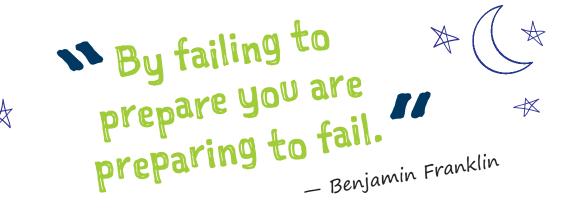
Local school boards and other governing bodies sometimes have their own additional graduation requirements.

Think a technical college education might be in your future? Consider taking high school courses in the same technical career area. They will help you explore whether a field is for you — before you're paying tuition!

Pick classes you find interesting. High school courses can be a great opportunity to explore career fields of interest. If you're interested in classes your school doesn't offer, look into opportunities for distance learning. Ask your teachers, school counselors or principal for more information. You may even want to look into taking college-level courses via distance learning while you're still in high school. In some cases, you can get both high school and college credit for courses.

You don't have to go it alone! Remember all the people available to help you develop your high school educational plan. Ask your school counselor, teachers or advisors and parents for help and guidance. A paper or electronic career portfolio, provided in many schools, is a great tool for developing your high school educational plan and tracking your progress.

Remember, for as much of your life as you will likely spend on the job, it is really important you enjoy the work as much as possible. Even if your career choice requires several more years of education after high school, that's a small investment of time to be able to do something you want the rest of your life. So, shoot for the moon! Good luck!



South Dakota High School Graduation Requirements

As approved by the South Dakota Board of Education, July 2018

A student's Personal Learning Plan must document a minimum of 22 credits that include the following:

4 units of Language Arts

Writing: 1 unit Speech or Debate: .5 unit Literature: 1 unit (must include .5 unit American Literature)

Language Arts electives: 1.5 units

3 units of Mathematics

Algebra1: 1 unit

Mathematics electives: 2 units

3 units of Science

Biology: 1 unit

Science electives: 2 units

3 units of Social Studies

U.S. History: 1 unit U.S. Government: .5 units Social Studies electives: 1.5 units

unit of Any Combination

Approved Career & Technical Education

Capstone Experience World Language

unit of Fine Arts

1/2 unit of Personal Finance or Economics

1/2 unit of Physical Education

1/2 unit of Health or Health Integration

 $5^{1/2}$ electives

A state-approved advanced computer science course may be substituted for 1 unit of a science elective in the High School Diploma and Advanced Career Endorsement. It may not replace Biology. It may not count for the Advanced and Advanced Honors Endorsements. A list of approved courses is available at

https://doe.sd.gov/gradrequirements.

Academic core content may be earned for an approved career and technical education course. Approval to offer credit must be obtained through a CTE for Core Content application with the Department of Education. Visit https://doe.sd.gov/ cte/corecontentcredit.aspx for application details.

A district may offer credit for extracurricular Fine Arts activities. Students may be granted up to one credit in Fine Arts for participation in extracurricular activities. A maximum .25 credit may be granted for each activity in each school year.

Students are required to take .5 unit of Health at any time during grades 6-12. A district may choose to integrate Health across the curriculum at the middle or high school level in lieu of a stand-alone course.

Double dipping is not allowed. Courses may not be counted more than once to fulfill high school graduation requirements. For example, Economics cannot meet both the Social Studies elective credit requirement and the Personal Finance or Economics credit requirement. It can only meet one of the requirements.

For more information visit www.doe.sd.gov

higher ed

South Dakota's postsecondary education options

Postsecondary Colleges

Lake Area Technical College, Watertown, www.lakeareatech.edu Mitchell Technical College, Mitchell, www.mitchelltech.edu Southeast Technical College, Sioux Falls, www.southeasttech.edu Western Dakota Technical College, Rapid City, www.wdt.edu

State Universities (schools in the Board of Regents system) Black Hills State University, Spearfish, www.bhsu.edu Dakota State University, Madison, www.dsu.edu Northern State University, Aberdeen, www.northern.edu SD School of Mines & Technology, Rapid City, www.sdsmt.edu South Dakota State University, Brookings, www.sdstate.edu University of South Dakota, Vermillion, www.usd.edu

Public Higher Education Centers

Capital City Campus, Pierre, www.capitalcitycampus.org Black Hills State University-Rapid City, www.bhsu.edu/rapid-city University Center, Sioux Falls, www.sduniversitycenter.org

Tribal Colleges and Universities

Oglala Lakota College, Kyle, www.olc.edu Sinte Gleska University, Mission, www.sintegleska.edu *Affiliate of Sinte Gleska University -* Lower Brule Community College, Lower Brule, www.lowerbrulecc.org Sisseton Wahpeton College, Agency Village, www.swcollege.edu

Private Colleges and Universities

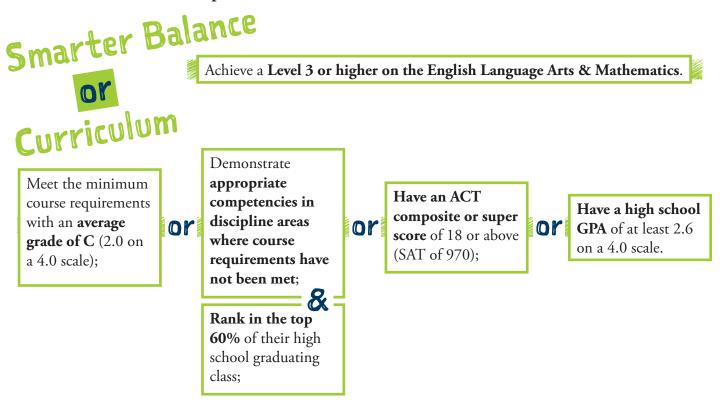
Augustana University, Sioux Falls, www.augie.edu Dakota Wesleyan University, Mitchell, www.dwu.edu Mount Marty University, Yankton & Watertown, www.mountmarty.edu National American University, Ellsworth AFB, Rapid City, Sioux Falls & Watertown, www.national.edu

Presentation College, Aberdeen, www.presentation.edu Sioux Falls Seminary, Sioux Falls, www.sfseminary.edu University of Sioux Falls, Sioux Falls, www.usiouxfalls.edu



South Dakota Board of Regents Minimum Admission Requirements for State Universities

For admission to baccalaureate degree programs, high school graduates must either meet the Smarter Balanced or Curriculum requirements:



All baccalaureate or general studies students under twenty-four (24) years of age, including students transferring with fewer than twenty-four (24) credit hours, must meet the following minimum high school course requirements:



Admission criteria are subject to change or amendment by the Board of Regents of South Dakota (BOR) and by the six state universities in the Board of Regents system. Alternate criteria for minimum course requirements (e.g. ACT subset scores and Advanced Placement scores) for students who do not successfully complete the requirements listed above can also be found on the <u>BOR website</u>.

Visit the Board of Regents' website, **www.sdbor.edu**, for more information and updates. Also check with each university and college for additional admission requirements.

Every penny counts paying for postsecondary education

Getting a postsecondary education may be more affordable than you think. It's never too early to start saving if you and your family are able. Every little bit helps. Your family can look into college savings plans if they have not already. It is good to save for college if you can, but you may not have to pay for it all on your own. Financial aid can help cover the difference between what you and your family can pay and the cost of higher education. Financial aid comes in several forms, including grants, scholarships, work-study and loans.

Grants: Grants do not need to be repaid. Most of this aid comes from federal and state governments. Students usually have to show a financial need to receive a grant.

Scholarships: Scholarships also do not need to be repaid. Many scholarships are not needbased. They are based on things like grades, religious, ethnic or cultural background; or athletic, artistic or creative abilities.

Governments, universities and technical colleges, businesses and community organizations offer scholarships. Students who receive scholarships generally have to maintain a certain grade point average or GPA.

While you won't apply for most scholarships until later in high school, it may be helpful get an idea of what is out there. Keep in mind no scholarship is too small!

Work-study: A federal program that provides students with work experience through part-time jobs that help pay for education expenses.

Loans: Money that must be paid back, usually with interest. Many loans based on financial need are low-interest and sponsored by the government. Private student loans are also an option. They generally have higher interest rates than federal or state loans.

State Scholarship Information:

South Dakota Department of Education doe.sd.gov/scholarships.aspx

South Dakota Board of Regents: www.sdbor.edu, in the Student Information section

More information on Financial Aid studentaid.gov

habits to break

habits as a student can follow you into the working world

What kind of student you are could indicate the kind of an employee you would be.

For now, school is your job. If you are late for class or skip school you get in trouble. Employees who are late for work or do not show up without telling the boss face consequences, too.

Put a check mark in the box beside the behaviors in the first column that you can't honestly answer with a "yes." Re-read the ones you checked; think about how you can improve your habits to become a better student. This will prepare you to be a better employee in the future.

NO	If you answered "NO," how it could follow you into your career:			
Show up on time for class?	Not showing up on time for work.			
Follow by rules restricting what you can wear in school?	Not following the dress codes for the workplace, such as having to wear a work uniform, or not being able to wear shorts.			
Participate in class discussions?	Not keeping communication lines with co-workers open and effective.			
Do your share of the work on group projects?	Not doing your part as a team player, whether you are a leader or follower.			
Study and do homework outside of class, even if it's not required, to get the most out of what you're learning?	Not using opportunities you get for additional training or doing new tasks.			
Consistently turn in homework on time?	Unable to meet deadlines.			
Complete assignments on a computer whenever possible for neatness and efficiency?	Not having the computer skills necessary to keep up with co-workers.			
Obey rules, such as those restricting internet use?	Not following employee guidelines on things like phone usage for personal calls.			
✓ We are what we repeatedly do. Excellence,				
then, is not an act, but a habit.				

- Aristotle

With the right sky slimit

A good attitude can be key in determining your future.

Some tips to help you prepare to meet the challenges of tomorrow's working world:

- Be ready to work harder and get smarter.
- Be goal-oriented and focused.
- Be flexible, adaptable and prepared to make changes.
- Identify your weaknesses and work to improve them.
- Be responsible for your attendance, tardiness and getting your work done.
- Learn to work with other people all people, not just those you like.
- Use school and extracurricular activities to take steps toward initial career decisions.
- Develop lifelong decision-making skills.

Don't fall into the same traps of making poor choices, like these:

- Took easy classes in school.
- Avoided math, science and hard classes whenever possible.
- Didn't continue any education or training after high school.
- Avoided writing at all costs, including reports and papers.
- Spent little time reading.



a place to start writing down thoughts and ideas about careers you want to explore more...

websites for career information

Labor Market Information Center



www.dlr.sd.gov/lmic (Choose "Career Exploration & Planning) Select "Career Exploration & Planning" from the left-hand menu, then see options to Explore Occupations:

- Explore occupations by Career Cluster
- Complete the South Dakota Career Interest Survey (SDCIS) to identify interest areas to explore
- Explore occupations by Holland (RIASEC) interest area (matching SDCIS results)
- Learn More About Registered Apprenticeship Career Opportunities
- Also check out Hot Careers to learn about opportunities in high demand, high wage occupations

My Next Move

http://www.mynextmove.org

Learn more about your career options with this interactive online tool. Explore hundreds of careers to help you figure out what you might want to do for a living.

Occupational Outlook Handbook

This site offers career information on what workers do, working conditions, education and training, pay and outlooks for hundreds of occupations at the national level.

CareerOneStop

www.careeronestop.org

CareerOneStop provides access to state-specific information (including employment trends, job outlook, wages, etc.) on hundreds of occupations for each state in the nation, even allowing for comparisons all on one screen.

O*Net Online

http://www.onetonline.org

O*Net Online provides an in-depth look at hundreds of occupations. The site lists detailed skill, knowledge and ability requirements; tasks and work activities involved; work settings and information on the interests and values of people employed in that occupation.

Choose a job you will never have towork a day in your life."

— Confucius



Published by Labor Market Information Center South Dakota Department of Labor and Regulation 605.626.2314 | www.dlr.sd.gov/Imic

Developed by the Labor Market Information Center, South Dakota Department of Labor & Regulation.

The Career Clusters logo and its extensions are the property of The Center to Advance CTE, as managed by Advance CTE.

3,000 printed by the South Dakota Department of Labor and Regulation on recycled paper at \$2.23 per copy.

Equal Opportunity Program. Auxiliary aids and services available upon request to individuals with disabilities. State and federal laws require the Department of Labor and Regulation to provide services to all qualified persons without regard to race, color, creed, religion, age, sex, ancestry, national origin, or disability.



U.S. DOL Funded Rev. 05/2021