

Answer Key

Career Awareness Activities Integrating Basic Academics

Kindergarten - Second Grade

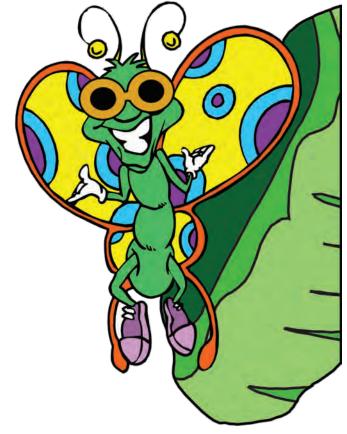
Take a peek at what you can become

right here in South Dakota!

Labor Market Information Center

South Dakota Department of Labor and Regulation I.800.592.1881 dlr.sd.gov/lmic





Please duplicate as needed for student use.

Answer key & activities available as PDF files at dlr.sd.gov/lmic

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USDOL Funded Rev. 05/19

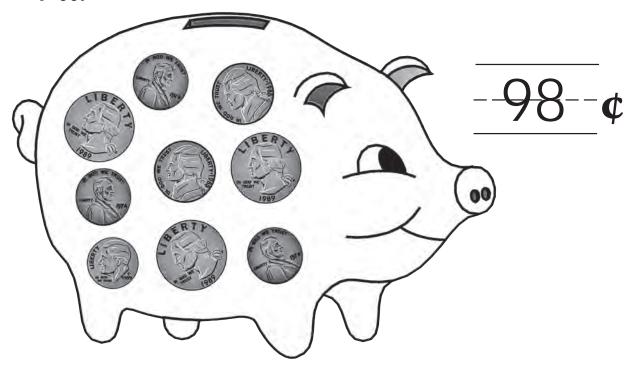
South Dakota GEREEP PEELS

Business Management & Administration; Finance

Accountants keep track of how much money people or companies earn and spend. They work in all kinds of places. They plan budgets. Budgets tell companies how much money they can spend.



Count the coins in the piggy bank. How much money is in the piggy bank?



Bonus: Pet's Playground got a bill. The bill is 74 cents. Does the piggy bank have enough money in it to pay the bill?

Yes. 74 cents is less than 98 cents.





Architects create plans for places like homes, buildings, bridges and parks. They create places that are useful and safe. They also want them to look nice. They choose the building supplies. They draw detailed plans called blueprints.

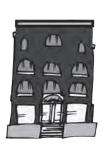


Draw a house that is longer than this one.

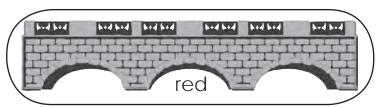


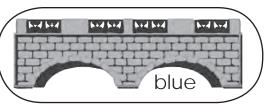
Circle the apartment building that is longer.





Use a blue crayon to circle the bridge that is shorter. Use a red crayon to circle the bridge that is longer.









GERGEP PEGES

Assemblers put things together. They work in factories.

Some of them work on only part of a product. Some of them work on a whole product. They use many tools. They put together things like toys and cars. They work in teams.



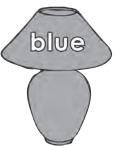
Circle the bike that is on the left.





Color the lamp on the right blue.





Circle the pacifier that is on the **right**.





Draw a picture on the computer screen on the left.





Draw a beach ball on the **right** side of the umbrella. Draw a sun on the **left** side of the umbrella.







Take a

at what you can become!

GERGEP PEGES

Hospitality & Tourism Cluster



Bakers mix and bake food. They make things like breads, cakes and cookies. They follow recipes. They use mixers, measuring cups and spoons.

The pictures are things a baker might use or make. Loop the pictures that have the **vowel sound** of the letter shown.



Architecture & Construction

Carpenters build things. They work with wood. They use hammers, drills, saws and other tools. They make things like tables, houses and offices.



Count the things in each group. Put your answer on the line below each group. Add the groups together.









Which tool would a carpenter not use? Circle it.











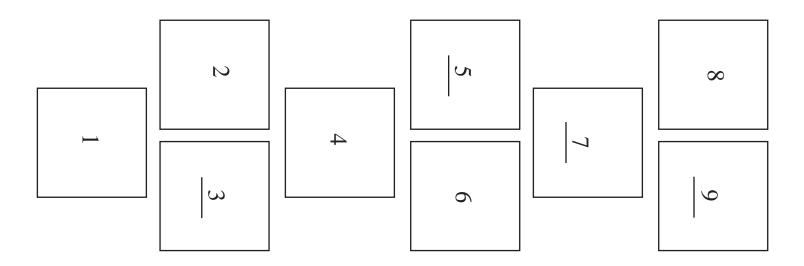
Architecture & Construction



Cement Masons use concrete to build walls, sidewalks and fences. They smooth out the concrete once it is poured.

Some add color to concrete. They may use tools to make a pattern on the surface. Cement masons must know how the weather affects the hardening of the concrete to avoid cracks.

Suppose you are a cement mason hired to make a sidewalk for a hopscotch game. Fill in the missing numbers to find how many blocks are needed to complete the sidewalk.

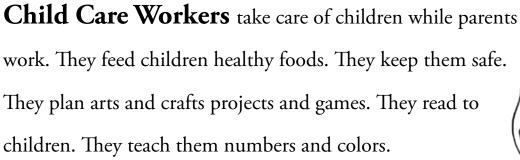


Nine blocks are needed to complete the sidewalk.



South Dakota RECEP PECIS

Education & Training; Human Services





Match two pictures of things that rhyme with each toy (see next page).



block

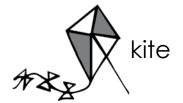


sock





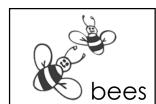














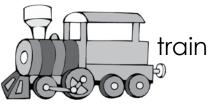




South Dakota GETPPPEIS

Education & Training; Human Services

Child Care Workers, continued















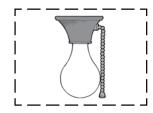








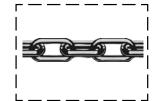














Bonus: Draw something that rhymes with red.



South Dakota REFECT PECTS

Clergy are leaders of some religious groups. Some are called ministers, pastors, rabbis or priests. They write and give talks. The talks are called sermons. They visit sick people. They lead weddings, baptisms and funerals.



Count the number of objects in each set. Write the number on the line.

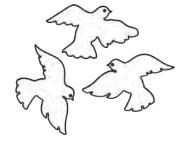
















Education & Training Cluster



Coaches in South Dakota teach student athletes. They help them

learn to play a sport. Coaches who are also teachers are instead called teachers. These coaches teach the rules of the sport. They also help athletes improve their skills and techniques to help them win. Coaches may specialize in a variety of sports including basketball, football, gymnastics, track, soccer, swimming, tennis and wrestling.

Look at the chart below for a symnastics competition. Draw the hands on the clock face to match the start and end times for each round. Write the total amount of time each round took on the line after the clocks.

Round	Event	Start Time	End Time	Start	End	Total Time
1	floor exercise	8:15	8:50	11 12 1 10 2 9 3 8 7 6 5	11 12 1 10 2 9 3 8 4 7 6 5	35 minutes
2	uneven bars	9:00	9 : 35	11 12 1 10 2 9 3 8 7 6 5	11 12 1 10 2 9 3 8 7 6 5	35 minutes
3	vault	9 : 45	11:05	11 12 1 10 2 9 3 8 4 7 6 5	11 12 1 10 2 9 3 8 4 7 6 5	1 hour & 20 minutes
4	balance beam	11:20	12:10	11 12 1 10 2 9 3 8 4 7 6 5	11 12 1 10 2 9 3 8 4 7 6 5	50 minutes

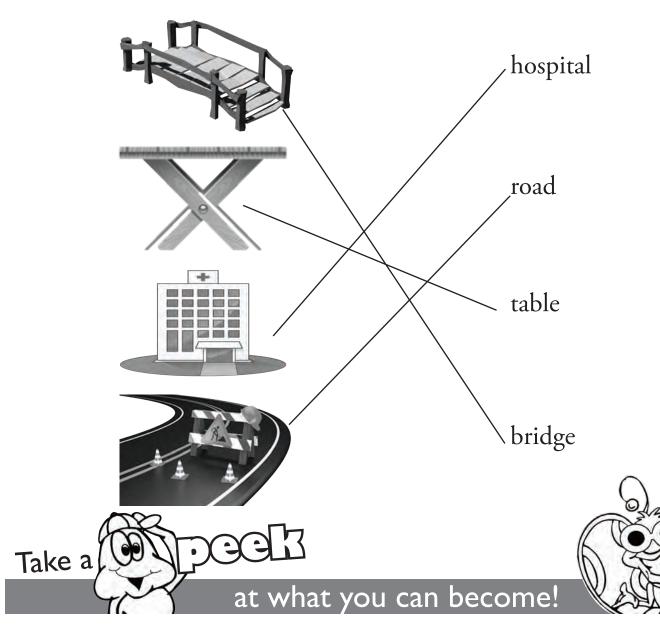




Architecture & Construction Cluster

Construction Supervisors oversee workers who build things. The workers may build houses or other buildings. They may pour concrete. They may install electricity. Some put plumbing in buildings. Others lay flooring. The supervisors make sure work is done correctly and on schedule.

Match the picture, by drawing a line, with the correct word for things a construction supervisor may oversee being built.

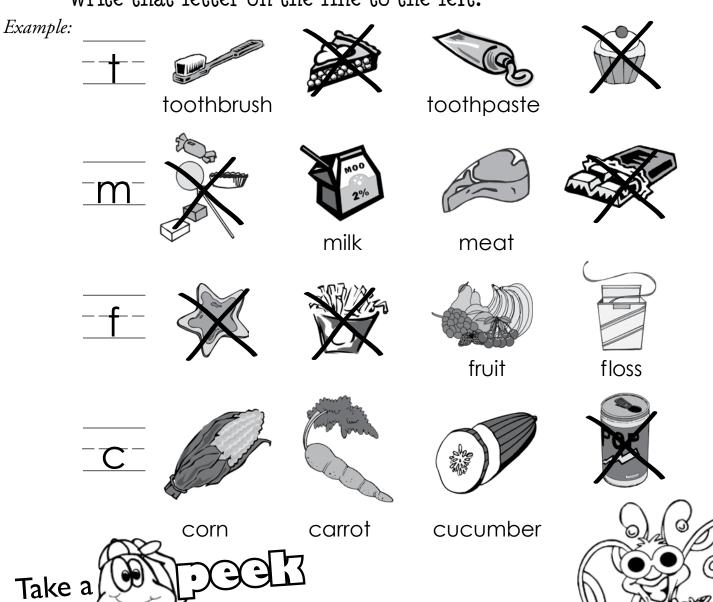


GERGEP PEGES

Dental Hygienists help take care of people's teeth and gums. They clean teeth. They check to see if a patient's mouth is healthy. They take X-rays of teeth. They teach patients how to take care of their teeth and gums.



Cross out the things that do not help keep teeth healthy. What letter do the things you did not cross out start with? Write that letter on the line to the left.



at what you can become!

Architecture & Construction Cluster

Drafters draw plans. Workers use the plans to build things.

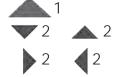
The plans show workers how to make things like houses, cars, buildings, machines and toys. Most drafters use computers.

Below are objects a drafter might draw. **Count** the number of shapes in the objects. Write the number in the blank space.

How many rectangles can you find?



How many **triangles** can you find?



How many circles can you find?





Bonus: Draw a picture of something a drafter would draw. Use lots of shapes in your drawing. Draw it on the back of this paper.





Architecture & Construction Cluster

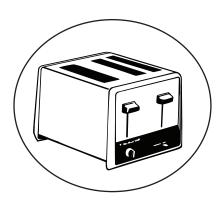


Electricians install and fix wiring. They give power to homes and businesses. They use hand tools and power tools. They also read maps to find outlets.

Circle the items that use electricity. plug into an outlet in the wall).



(Hint: They must









Draw two more items that use electricity:

1. 2.

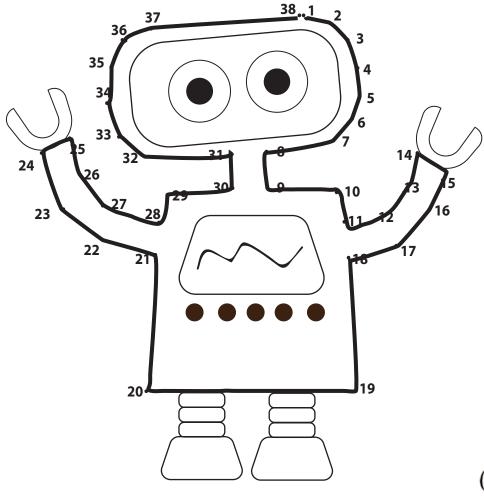


Architecture & Construction; Science, Technology, Engineering & Mathematics

Engineers come up with ways to fix problems. They want to know how things work. They ask why things work. They draw plans. They make things like machines, roads, buildings, toys, light bulbs, software, medicines, robots or tools. They use science and math.



Connect the dots to see what the engineer is designing.





what you can become!

South Dakota FREEP PEELS

Law, Public Safety, Corrections & Security

Firefighters put out fires. They try to save people and property. They want to prevent fires. Some make sure fire safety laws are obeyed. They teach people about fire safety. They help people who are hurt or sick.



Circle the fire truck that is the longest.







Circle the fire hydrant that is the tallest.







Circle the fire that is the widest.















Food Service Supervisors oversee workers who make and serve food. The workers may cook food. They may make cold foods like ice cream cones or salads. Other workers, like waiters and waitresses, take orders and serve food. The supervisors make sure food is made and served correctly.

Think about all the colors and shapes of food and fill in the blanks below.

1. Name a food that is red.

tomato, apple, cherry, watermelon, etc.

2. Name a food that is round.

pizza, pie, bologna, orange, cookie, etc.

3. Name a food that is green.

lettuce, beans, kiwi, broccoli, etc.

Pretend you are a food service supervisor and need to pick two favorite foods to serve in the restaurant where you work. What foods would you serve?

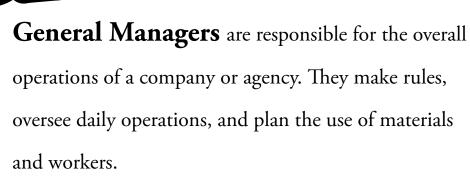
1.		
2.		

Bonus Activity: Use a blank sheet of paper to design a menu for the restaurant, showing the three food options above. (Tip: pictures make menus more interesting!)



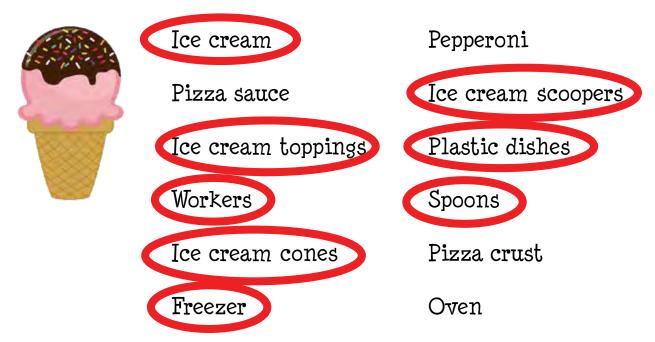


Business Management & Administration Cluster





Suppose you are the manager of an ice cream shop. Circle the things below you would need to operate the shop.



Bonus: Suppose the ice cream shop makes a profit of 50 cents on each ice cream cone sold (after subtracting all the costs involved in making each cone). If the shop sells 35 cones in one day, what is the total profit?





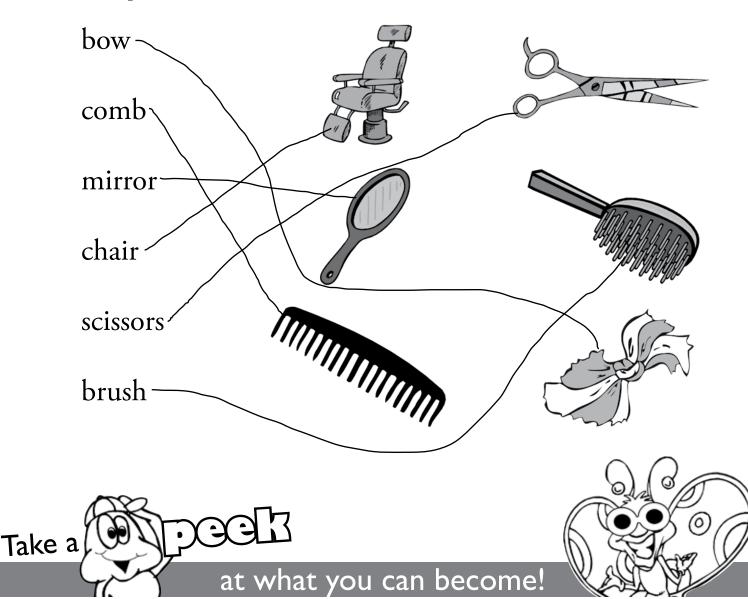


Hair Stylists wash, cut and style hair. They color hair.

Some style hair for weddings and proms. Some take care of customers' skin, fingernails and toenails.



The words and pictures are things hair stylists use. **Match** the word to the correct picture.



Transportation,
Distribution & Logistics

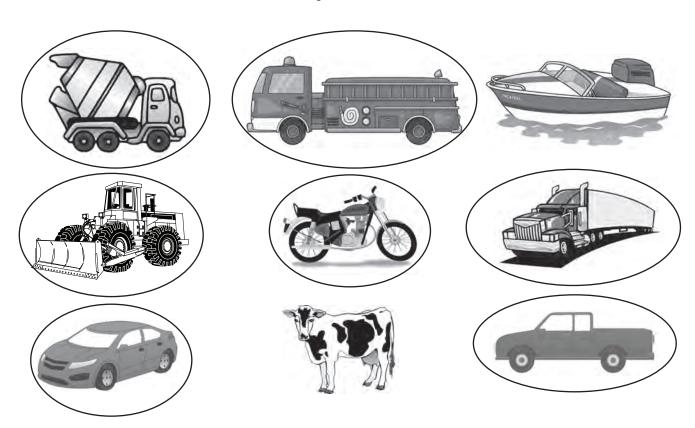


Highway Maintenance Workers keep streets and

highways in good condition and safe to drive on. They patch

broken pavement. They may repair guard rails on the side of the road or fix highway signs. Highway maintenance workers may also install or fix fence near roadways to catch snow in the winter.

Circle the types of vehicles that use highways. They are just a few of the reasons it is important our roads be safe!







Industrial Tractor Operators run equipment like

a fork lift to safely move materials around in a warehouse, storage yard, factory, construction site or similar place.



A fork lift driver is given the warehouse map below and told to move cartons to the locations listed. Color in the correct sections to show where the cartons should go.

Use red for cartons going to row 3, section 4.
Use blue for cartons going to row 1, section 5.
Use green for cartons going to row 2, section 2.
Use yellow for cartons going to row 3, section 1.

			-
	Section 1	Section 1	
	Section 2	Section 2	
N 1	Section 3	Section 3	N 2
Row 1	Section 4	Section 4	Row
	Section 5	Section 5	
Ī	Section 6	Section 6	
L			_

	Section 1	Section 1	
Ī	Section 2	Section 2	
e >	Section 3	Section 3	4 4
Row	Section 4	Section 4	Row
	Section 5	Section 5	
	Section 6	Section 6	









Insurance Sales Agents sell different types of insurance. People buy insurance to protect what they have if bad things happen. For example, people insure their vehicles. If they have an accident, they can get it fixed or buy a different one. These agents explain to customers what types of loss would be covered by insurance. They also teach customers safety tips to help them avoid loss.

k off the things below you do to be safe.
 Wear my seat belt whenever I ride in a vehicle.
 I know how to dial 9-1-1 if there is an emergency.
 I know my full name, phone number and address if I have to ask a police officer or other adult for help.
 My house has smoke detectors.
 If there is a fire at my house, I know the safest way to get outside and where to go.
Wear my helmet when I ride a bike, board or scooter.





Law, Public Safety, Corrections & Security

Lawyers help people with laws. Some speak in courtrooms. Some write wills, leases or contracts.

Some lawyers defend people or companies in court. If people break the law, some lawyers try to send them to jail. They study the law for many years.



Lawyers read and write a lot. Write the missing word in the sentences.



She walks to the park.

She

Eggs

Ready

Can we go to the <u>lake</u>

jumps

lake

now



Catch that ball

nine

The book is about a <u>Panda</u>

sleepy

panda

won





at what you can become

GERGEP PEGES

Loan Interviewers work with people who want borrow money. They gather information from the people. They complete documents related to the loan. They may double check the information people provide to make sure it is correct.

Finance Cluster



Circle the pictures below of things a loan interviewer may use to gather information and complete documents.

















Finance Cluster



Loan Officers meet with people applying for loans. They review applicants' financial records and figure out how much money they may be able to borrow. Loan officers work at banks, colleges and mortgage firms.

Figure out which applicant would be able to pay back a loan the soonest. Add the items in each group. Write your answer on the line next to each group. Circle the answer with the most money.

Applicant A



Applicant B





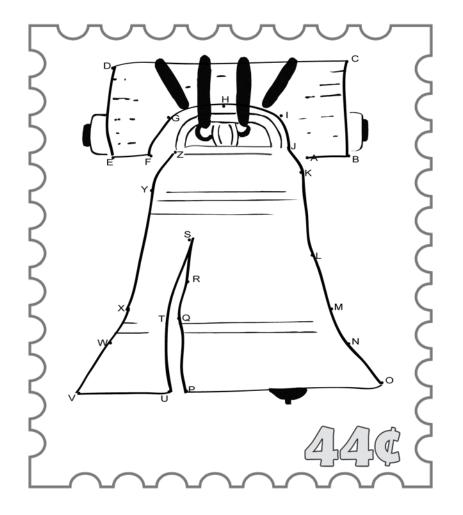


South Dakota REPER PERIS

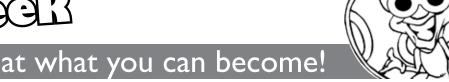
Mail Carriers take care of letters and packages. They sort mail. They bring mail to homes and companies.

They work outdoors in all kinds of weather. They are given mail routes. In cities, most of them walk these routes. In areas that are more rural, they drive to places on their routes.

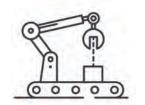
Mail carriers know their ABCs. Connect the dots from A to Z











Maintenance and Repair Workers fix and maintain

machines, equipment and buildings. They may paint or do repairs on windows or doors. They also do basic electrical, plumbing or welding work.

Each of the words below are tools a Maintenance and Repair Worker may use. Find out how much each word is worth using the letter tiles below.





GERGEP PEGES

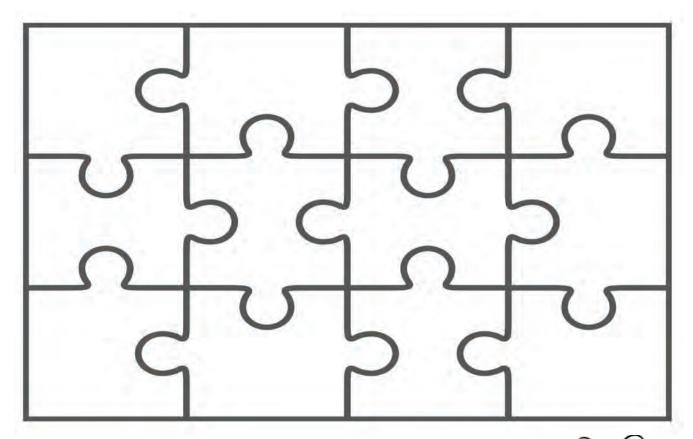
Business Management & Administration



Management Analysts help organizations run more efficiently.

They give managers ideas on ways to cut down on costs and make more money. They study problems in companies and think of ways to fix the problems. They may suggest doing tasks in a different order. Or they may think different tools or equipment will help the company run more smoothly.

Management analysts take all pieces of a project and fit them together to create a whole product. Cut out each of the jigsaw puzzle pieces, and fit them together to make a complete puzzle.







South Dakota REFERENCE PECES

Business
Management
& Administration



Management Analysts, continued

Pretend you are a management analyst trying to help a company that sells sack lunches. They need help packing the lunches more quickly. Below are the tasks involved in making the food and packing the lunch. Read through them all. Draw a line to the tasks 1 through 8 to show in what order you think they should be done.

After the sandwich is made, put it in a baggie.

Pack an apple into the lunch sack.

Pack the baggie of carrot sticks into the lunch sack.

Pack the baggie with the sandwich in it into the lunch sack.

Make a sandwich from the two pieces of buttered bread, adding two slices of ham and a slice of cheese.

Put several carrot sticks in a baggie.

Butter two slices of bread to make a sandwich.



Take a

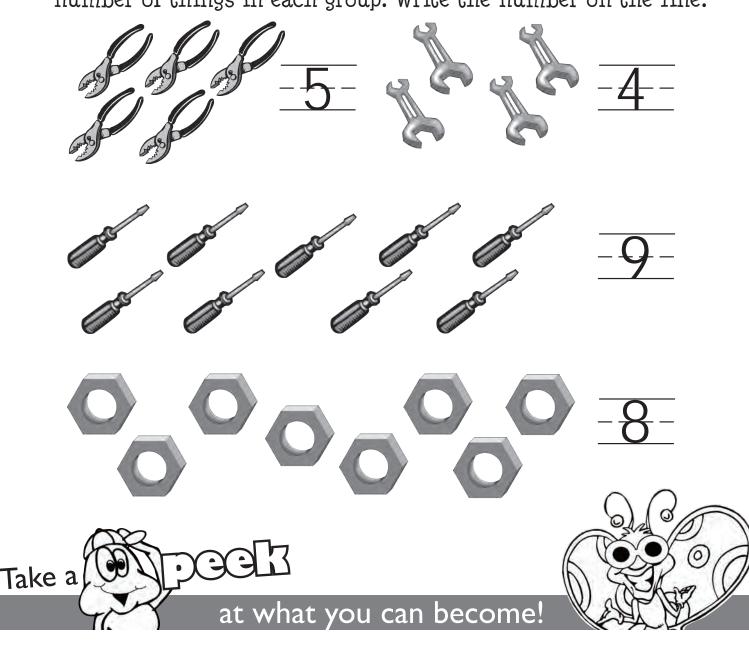
at what you can become!

South Dakota RECEP PECIS

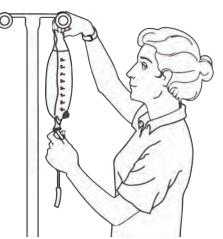
Manufacturing; Transportation, Distribution & Logistics

Mechanics fix and maintain machines and motors. Some work on cars or motorcycles. Some work on big machines or equipment. They figure out why things do not work They use many tools. Some use computers.

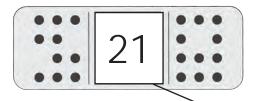
The pictures are things a mechanic would use. Count the number of things in each group. Write the number on the line.



Nurses take care of sick and hurt people. They help doctors look at and treat patients. They help with medial tests and give patients medicine. They try to help people stay well. They work in hospitals, clinics, nursing homes, schools and patients' homes.



Count the number of dots on each bandage. Put number in the square on the bandage.



This bandage is missing dots! There should be 24. How many are missing?

Put number from square here too.



This bandage is missing dots! There should be 18. How many are missing?

Put number from square here too.







Business Management & Administration Cluster



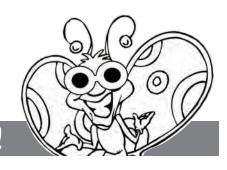
Office Supervisors oversee workers who do many types of

work, usually in an office. The workers may type or file papers. They may keep records of money or prepare bills. They may answer phones. Many use computers in their work. The supervisors make sure workers know how to do their jobs. They correct their mistakes.

Office Supervisors often write or proofread reports. Pretend you are an Office Supervisor and have to review the report on the next page to make sure it is correct. Do the following:

- 1. Read the report.
- 2. Fill in the blanks with the most logical word from the box at the top.
- 3. Circle any misspelled words and other errors.
- 4. Check the math and correct any mistakes.





Office Supervisors Activity, continued

germs	missing	supplies	folders	
meeting	machine	pencil	hand	

Inventory Report

The order clerks took inventory of the office ______ on April 3. This is a report of their findings.

Inventory of Paper			
Color of Paper	Number of Boxes		
White	16		
Blue	4		
Yelow	2		
G reene	1		
Total	(23)		

(should be left)

The table at the right shows how many boxes we have of each color of paper.

They also counted the boxes we have of file <u>folders</u>, staples, paper clips and pens. They suggest we order more of those supplies, as shwon in the table below.

They also recommend we buy bottles of ____hand sanitizer to give to all staff to prevent the spread of germs ____

Bonus question: What two items should be added to the list at the right of supplies to order? electric pencil sharpener, computer for meeting room

Supplies to Order		
Item	Number of Boxes	
File Folders	6	
Staples	22	
Paper Clips	8	
Pens	3	
Hand Sanitizer	34	
Total	73	



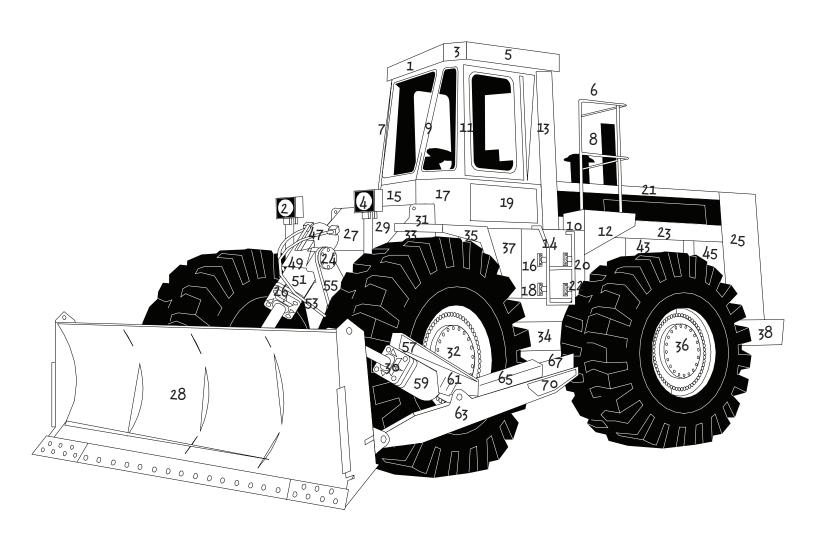




Architecture & Construction Cluster



Operating Engineers drive or control heavy machines used to build roads, bridges, buildings and other structures. They dig and move dirt, build structures, and pour concrete and pavement. They also repair and maintain equipment.







Marketing Cluster



Parts Salespersons sell spare and replacement parts and

equipment in repair shops or parts stores. They process sales and help customers find the right products for cars or tractors.

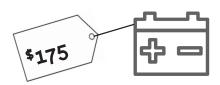
Figure out how much change each customer will get back at the car parts store.

Sally has:

1 battery costs:

What will her change be?





\$25.00

Tom has:

1 tire costs:

What will his change be?





\$80.00

Jennifer has:

1 spark plug costs:

What will her change be?



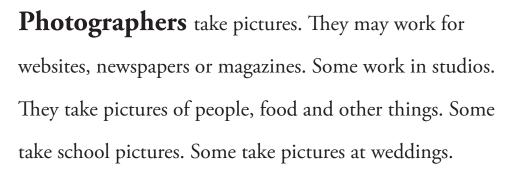


\$85.00





Arts, Audio/Video Technology & Communications





Look at the pictures. Circle the **changes**.









Take a Take a

South Dakota

Transportation,
Distribution & Logistics
Cluster

Pilots fly airplanes and helicopters. They move people, cargo and mail. Pilots look at maps. They check out weather reports. They plan the routes they take. They must keep records of their flights.



Add the math problems in the picture. Then color the picture. Use these colors for the sums of the math problems:

3 yellow 4 5 blue red 5 blue 0 blue blue 1 yellow blue blue 4+0=4 red+3 blue 1 + 3 = 4 red 0 blue yellow 5 blue 5 blue







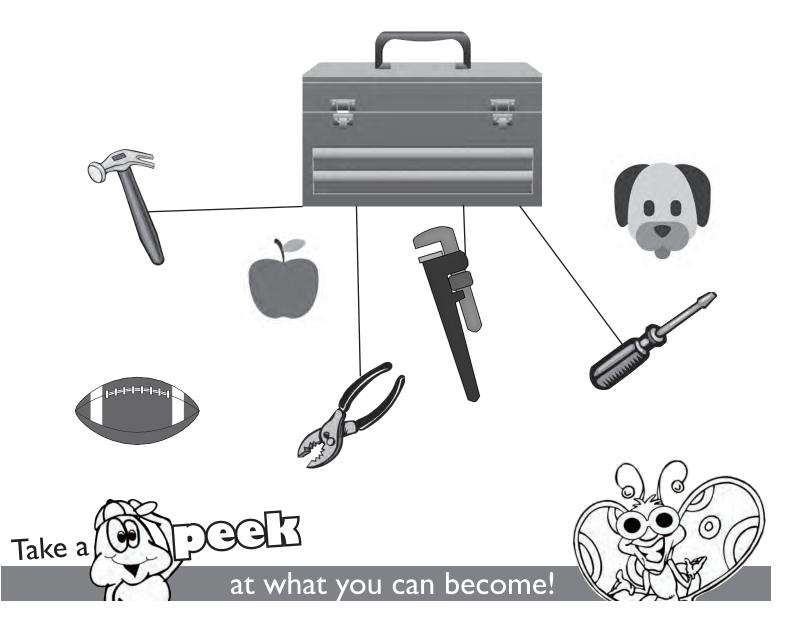
Plumbers install and repair pipes. Pipes carry water, steam, air or gases. Plumbers work in homes, businesses and factories. They use tools like drills, saws, torches and wrenches.

They install sinks or showers in homes and places of work.

What's in the plumber's toolbox? Draw a line from the item to the toolbox for all the tools a plumber would use.

Architecture &

Construction



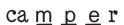
Marketing Cluster



Retail Sales Supervisors oversee workers who sell a variety of

products or services. The workers may sell things in a store. They may sell online or over the phone. They may visit customers in person. They sell things ranging from groceries and clothes to trips and big machines used in a factory. The supervisors help workers sell as much as possible. They make sure the workers treat customers well.

Retail Sales Supervisors oversee the selling of many different things. Fill in the blanks next to the picture to spell out some of the things you can buy.











p <u>e t s</u>



<u>clothes</u>

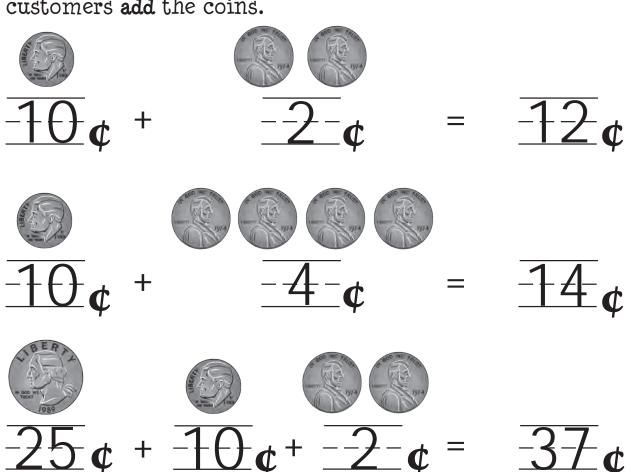




South Dakota RECEP PECIS

Salespersons work in stores. They sell items like clothes, furniture, cars or things for your home. They help customers find what they want. They answer questions about things for sale. They ring up sales.

Pretend you are a salesperson in a candy store. Help the customers add the coins.









Sales Representatives - Wholesale and Manufacturing, Except Technical and Scientific Products

sell goods for manufacturers to businesses, government agencies, and other groups. They contact customers and explain the products. These workers must know many details about the products they sell. They negotiate prices and answer questions.

Samuel the Sales Representative sold 135 boxes of candy to the local grocery store. If 75 of the boxes contain chocolates, how many of the boxes contain types of candy other than chocolates?

60 boxes

Stella the Sales Representative sold enough lumber to building supplies stores for the construction of 276 buildings. Of those buildings, 185 were homes. How many of the buildings were other types of structures?

91 structures

Sasha the Sales Representative sold 152 dresses to clothing stores last year. This year, she sold only 98 dresses. How many more dresses did she sell last year?

54 dresses







Sales Representatives - Wholesale and Manufacturing, Technical and Scientific Products

sell high-tech goods and services to businesses, government agencies and other groups. The things they sell range from internet hosting services to computers and mechanical equipment. They contact customers and explain the products. These workers must know many details about the products they sell. They negotiate prices and answer questions.

Roberto is a Sales Representative who sells computers for the wholesale company he works for. His boss wants him to sell more computers to businesses or agencies in certain locations in their town. Use the map on the next page to answer the questions below.

If Roberto is to sell computers to businesses north of Main Street, what businesses or agencies should he sell to? school and police station

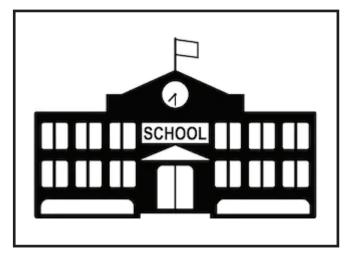
If Roberto is to sell computers west of Willow Avenue, what businesses or agencies should he sell to?

police station and library

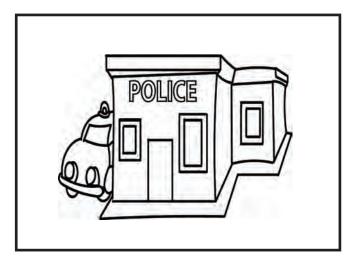




Map for Sales Representatives - Wholesale and Manufacturing, Technical and Scientific Products



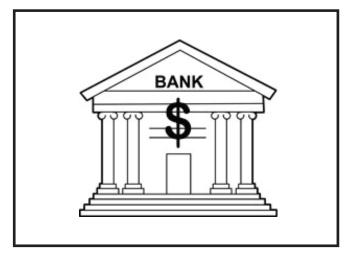
Willow Avenue



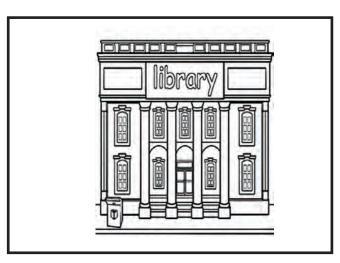
Main Street



Main Street



Willow Avenue







Social Workers try to help people make their lives better. Some work with schools, children or families. Others work with hospitals and patients. They talk to people about their lives and problems. They find places that can help people.



Write or draw something you need help with.

Who helps you?

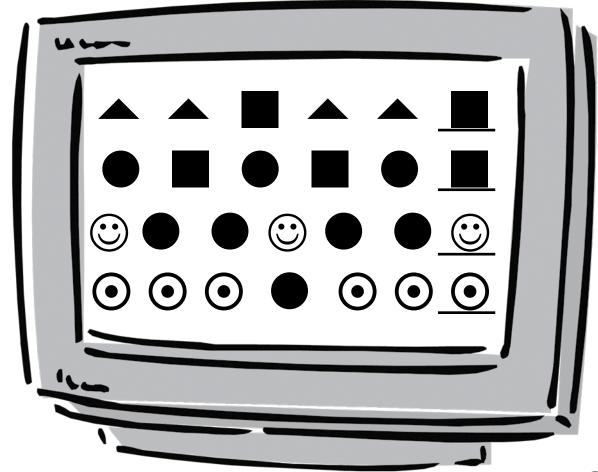




Software Developers create software to run on computers and other devices. They will test the software. They help fix and update software. They write in languages called codes. The codes must be exactly right. Computers read these codes.



Draw the shapes that would come next in the pattern.









Agriculture, Food & Natural Resources; Science, Technology, Engineering and Mathematics

lily pad

oak tree

corn

Soil and Plant Scientists look at soil, plants and crops.

They test dirt, plants and crops. Some figure out how to treat sick plants and trees. They help people figure out the best ways to use their land. They know what plants grow best in different kinds of soil.

Match the crop, plant or tree to its picture.

This crop gets very tall before you pick it.

Frogs like to hang out on these at the pond.

A lot of people get this flower on Valentine's Day.

This plant grows in hot, dry and sandy places.

Squirrels like the nuts on this tree:



cactus



Math

South Dakota FREEP PEELS

Teachers help students learn. They teach students reading, writing, spelling, math and much more.

They make up lessons and tests. They grade homework and tests. They meet with parents.

Look at the backpacks. Can you spot the differences? Circle them in the backpack on the right.









South Dakota HOG

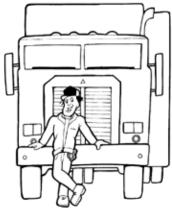
Transportation, Distribution & Logistics

Truck Drivers move things from place to place.

They haul many different things, like milk, candy, animals or logs. Some drive short routes. They stay at home each night. Some truck drivers drive a long way.

They spend some nights away from home.

Circle the correct answers.





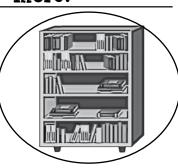
Which one holds more milk?





Which one weighs more?





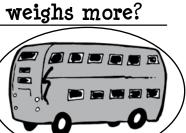
Which one



Which one holds more ice cream?





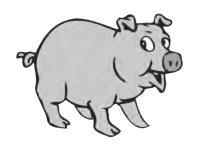




Agriculture, Food & Natural Resources; Health Science

Veterinarians are animal doctors. They take care of sick and injured animals. They give medicine to animals. They take care of pets. Some take care of farm animals. Some work at zoos. Vets teach owners how keep their pets healthy.

Name the animals. Write your answers in the spaces.



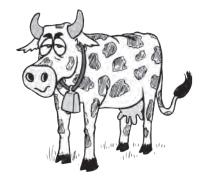
















---COW---

---cat---

--horse--



Welders use heat to join metal pieces together.

They also fill holes in metal products. Welding is strong and holds pieces together. It can be used for cars, trailers or bridges. It also connects steel beams or pipes.

Pretend you are a welder. You have to make the frame for a swing set like the one below. You will use seven separate pieces of iron pipe. On the picture below, circle the spots where you would need to weld the seven pieces together.

