

My Future!

Workforce Blueprint



Software Developer



Manager



Electronic Engineer



Environmental Scientist



Registered Nurse



Physical Therapist



Electrician



Teacher



Pilot



Graphic Designer

Learning about the top high-demand occupations
in Southern Nevada's target industries

A note for parents and teachers ...

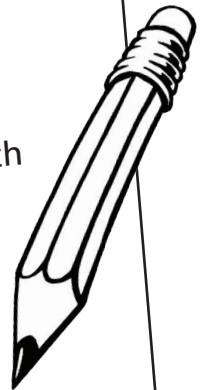
As adults, we know that a good job is essential to providing for our families. So, it's never too early for youth to start imagining their future.

Workforce Connections, Las Vegas Global Economic Alliance, Vegas Chamber, Henderson Chamber, Latin Chamber, Urban Chamber, and the Governor's Office of Economic Development, partnered to release Southern Nevada's 2022 Workforce Blueprint. The blueprint is an innovative, comprehensive data-driven workforce strategy aimed to guide the development of our region's "workforce pipeline."

We did our homework to understand what jobs local companies will need to fill when today's youth finish their education and enter the workforce in years to come. This activity book highlights ten high-demand occupations from the blueprint. Other high-demand occupations are also included in the word search activity.

With this information, youth can begin to imagine themselves in future careers in Southern Nevada. With your help they can learn more about these and other high-demand occupations at:

www.NVMyFuture.org





Word Search

There are many career opportunities in Southern Nevada's target industries. Below are some additional high-demand occupations. Search for the underlined words and circle them on the word search matrix.

Do you think you can find all of them? Good luck!

Z R F P L Q K U A W V G E O D L V H U P
 H U P E S T I M A T O R L R M I B Z A L
 H H M R W K K E P N T Z E T E I W N F U
 T H V F A P Y P J I L Q C Z C A S W M M
 B W U V D C I V I L H U T C H E Y F P B
 R L M G Z E T L I A P B R W A R A D F E
 Q L K G U O N I M Q X X I Y N O U E J R
 Z E A E Q J I T T C X J C O I S X S D U
 N H H B L Y H R I I C C A L C P O I Z R
 J P E I O A I B R S O C L E S A O G B E
 K H R G X R I G G E T N D Z J C F N K S
 H Y M T H X A V P R G M E L Q E P E Z P
 M S N J Z U U T S M S U O R H K N R I I
 I I O I I G S G O H A N A L Y S T B E R
 C C P N X X U M B R L V I P M G E M C A
 H I T T T R C R E G Y S S R F G H G W T
 E A R B W A T H G C V P Q U X R A W L O
 M N A Q Y Y C J A T H C J R R B Z G M R
 I P I P N B Z K R A X A D A F G L Y K Y
 S U N Z J L K R W M F K N D U O I H M G
 T F I A R C H I T E C T T I R R B C O A
 G X N G X W K Y P C Y L E Y C H B T A Z
 A V G M Y O X B G F E X P H V A C A W L
 G J S U R V E Y O R N N I W N U L K F K
 P X K W N Q T D J P Y L Z Z J O S D M F

Occupation List

- Civil Engineer
- Aerospace Engineer
- IT Analyst
- Nurse Practitioner
- Architect
- Respiratory Therapist
- Physician Assistant
- Electrical Engineer
- Mechanical Engineer
- Dentist
- Plumber
- Laboratory Technician
- Chemist
- Training Specialist
- X-Ray Technician
- Aircraft Mechanic
- Surveyor
- Surgical Technician
- Cost Estimator
- Interior Designer

One day I will be a ...

Software Developer

- * Writes computer language, also known as "code"
- * Enjoys technology and automating things that people use



Check the things you believe are automated through computer software

- Bank automated teller machines (ATMs)
- Piggy banks
- Redbox video & game kiosks
- Baseball gloves
- Candy vending machines
- Candy bars
- Photo printing kiosks
- Flower bouquets

One day I will be a ...

Manager

- * Is in charge of people and/or processes
- * Provides support, guidance, direction, and leadership

Circle the things a Manager might be in charge of

- Planning schedules
- Baking cookies
- Supporting team members
- Planting flowers
- Following up on deliverables
- Fixing flat tires
- Managing processes
- Grading student quizzes



One day I will be an ...

Electronic Engineer



- * Designs, inspects, and updates electronic systems
- * Oversees the manufacturing of electronic equipment

Practice being an Electronic Engineer by using math

6 volts + 2 volts = _____ volts

9 feet - 5 feet = _____ feet

3 amps x 4 = _____ amps

7 inches - 3 inches = _____ inches

5 ohms + 8 ohms = _____ ohms

One day I will be an ...

Environmental Scientist

- * Uses knowledge of the natural sciences to protect people and the environment
- * Conducts research, analyzes data, and develops remediation plans

Circle the problems an Environmental Scientist might solve

Pollution

Long lines at work

Hazardous waste

Overgrown lawn

Climate change

Leaky pipe

Ozone layer depletion

Traffic accident



One day I will be a ...

Registered Nurse



- * Helps people feel better when they get sick
- * Enjoys science and does not get squeamish

Practice being a Registered Nurse by using math

$$8 \text{ pills} + 2 \text{ pills} = \underline{\hspace{2cm}} \text{ pills}$$

$$15 \text{ liters} - 9 \text{ liters} = \underline{\hspace{2cm}} \text{ liters}$$

$$4 \text{ milligrams} \times 6 = \underline{\hspace{2cm}} \text{ milligrams}$$

$$2.00 \text{ ounces} + 9.00 \text{ ounces} = \underline{\hspace{2cm}} \text{ ounces}$$

$$7 \text{ pounds} - 2.50 \text{ pounds} = \underline{\hspace{2cm}} \text{ pounds}$$

One day I will be a ...

Physical Therapist

- * Helps people move their body and increase range of motion
- * Enjoys using critical thinking and problem solving

Circle the places a Physical Therapist might work

Hospital

Hotel

Patient's home

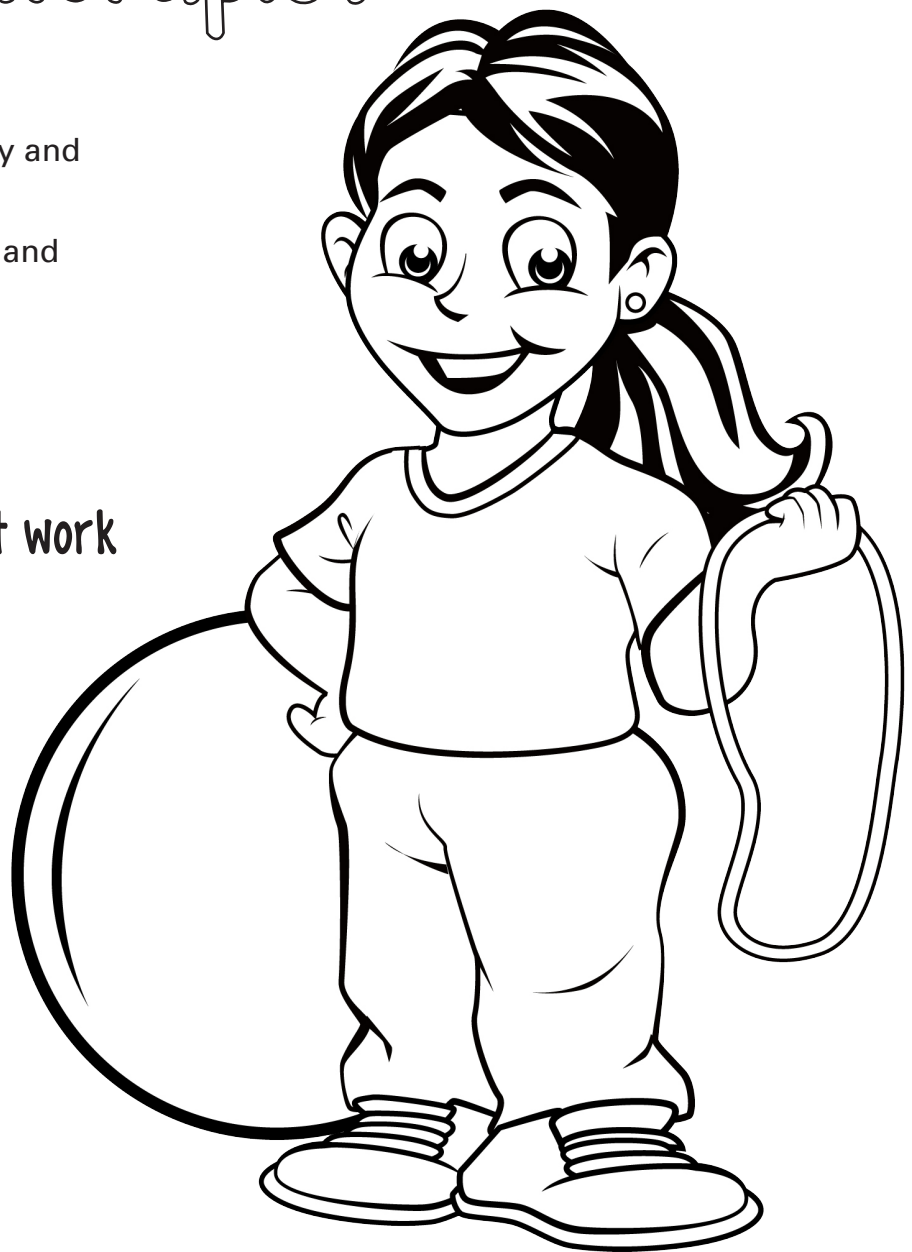
Bank

Rehabilitation center

School playground

Skilled nursing facility

Shopping mall



One day I will be an ...

Electrician

- * Works with tools to bring electricity to people
- * Enjoys science, critical thinking and solving problems

List things you plug into the electrical wall socket because they need electricity to work

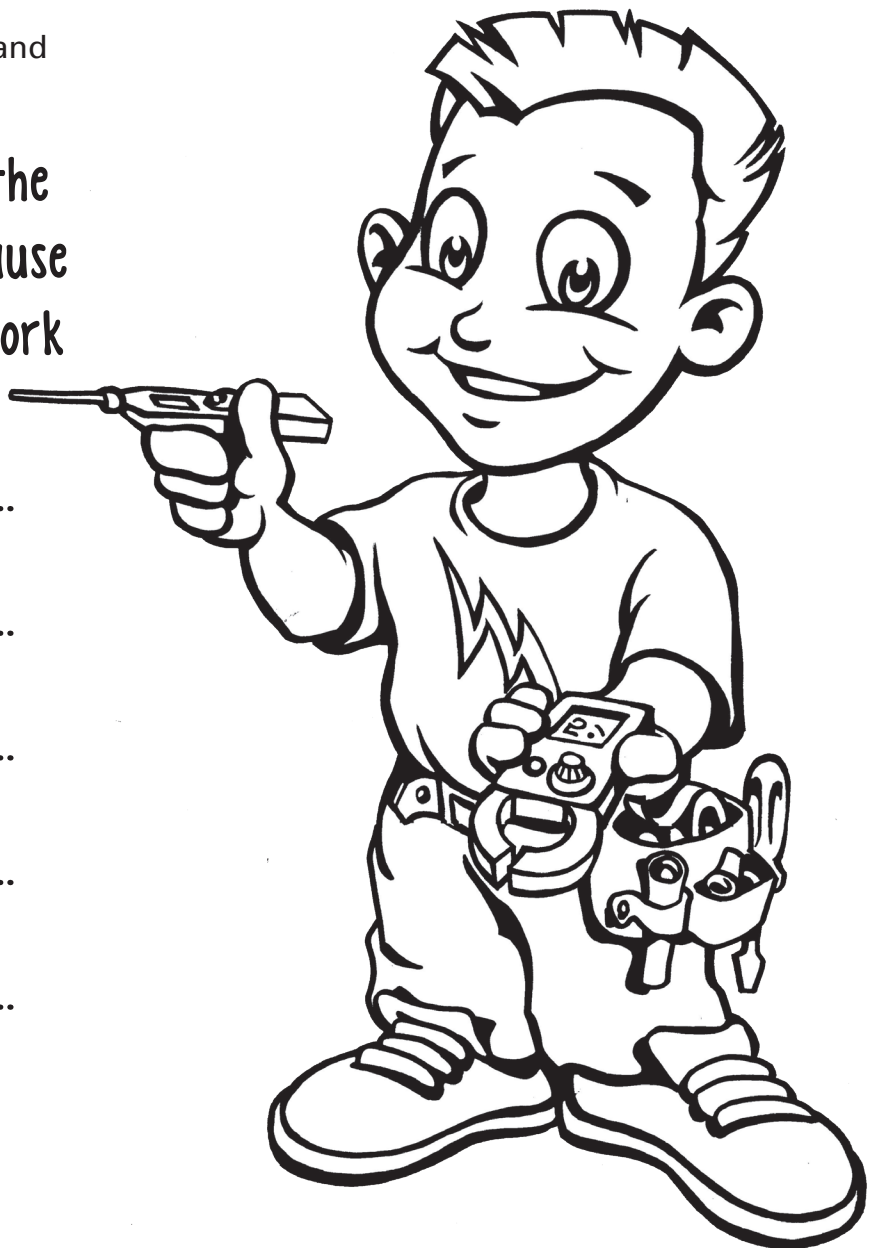
1

2

3

4

5



One day I will be a ...

Teacher

- * Helps people learn new things like math, science, and art
- * Enjoys working with others

List things that Teachers do at work

- 1
- 2
- 3
- 4
- 5



One day I will be a ...

Pilot

- * Safely transports passengers and cargo on an airplane
- * Analyzes flight plans, weather conditions and checks systems on airplane before every flight

Practice being a Pilot using math

5 gallons + 3 gallons = _____ gallons

3 degrees + 6 degrees = _____ degrees

2 kilometers x 5 = _____ kilometers

8 liters - 1 liter = _____ liters

7 miles - 4 miles = _____ miles



One day I will be a ...

Graphic Designer

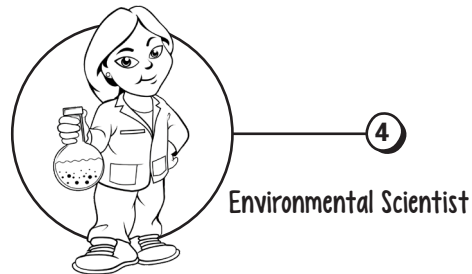
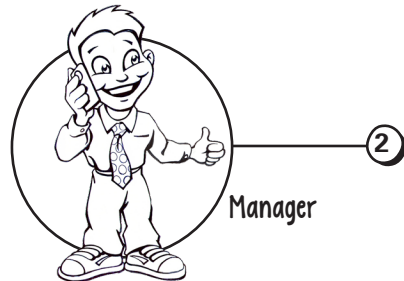
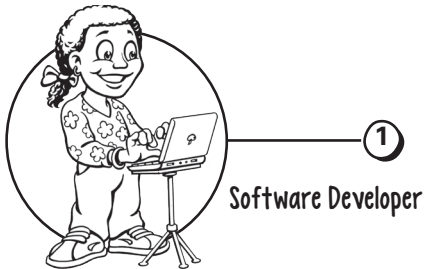
- * Develops visual concepts by hand or with computer software
- * Designs ideas intended to captivate, inform, inspire, and/or persuade

Check the things a Graphic Designer might design

- Logo
- Ice cream
- Website
- Cake
- Magazine
- Dog
- Billboard ad
- Pizza



Draw a line from the worker to the proper job duty



A Is in charge of people and/or processes

B Uses knowledge of the natural sciences to protect people and the environment

C Works with tools to bring electricity to people

D Helps people feel better when they get sick

E Develops visual concepts by hand or with computer software

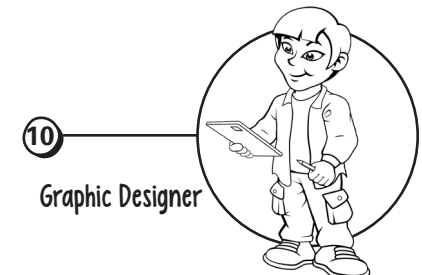
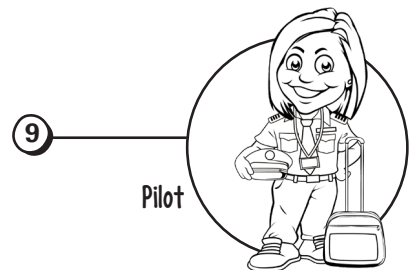
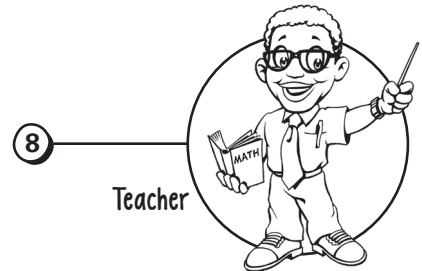
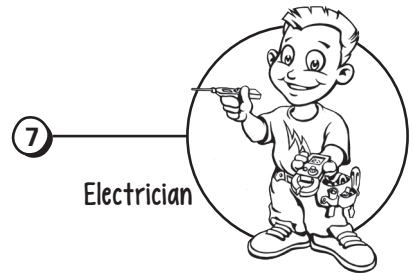
F Helps people learn new things like math, science, and art

G Designs, inspects, and updates electronic systems

H Writes computer language, also known as "code"

I Safely transports passengers and cargo on an airplane

J Helps people move their body and increase range of motion



Draw a line from the worker to the correct related item



Software Developer

1



Manager

2



Electronic Engineer

3



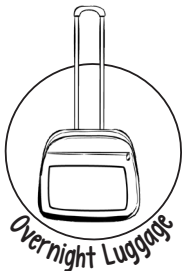
Environmental Scientist

4



Registered Nurse

5

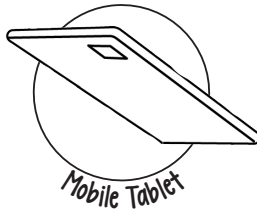


A



Laptop

C



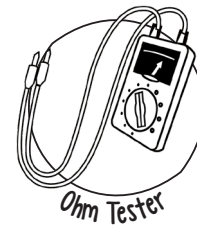
Mobile Tablet

E



Resistance Bands

G



Ohm Tester

I



Cell Phone

B



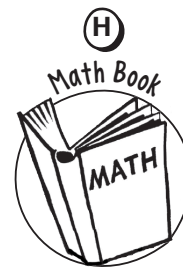
Boiling Flask

D



Volt Meter

F



Math Book

H



Medical Chart

J

6

Physical Therapist



7

Electrician



8

Teacher



9

Pilot



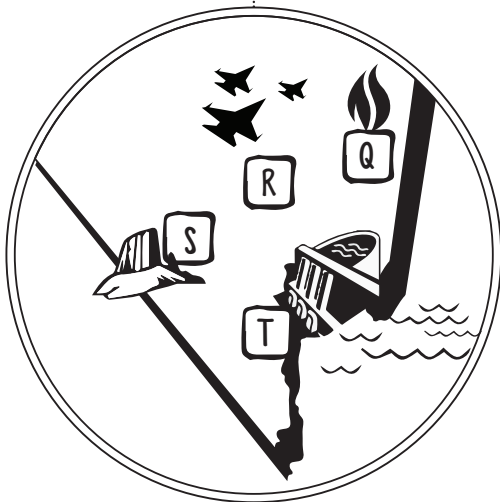
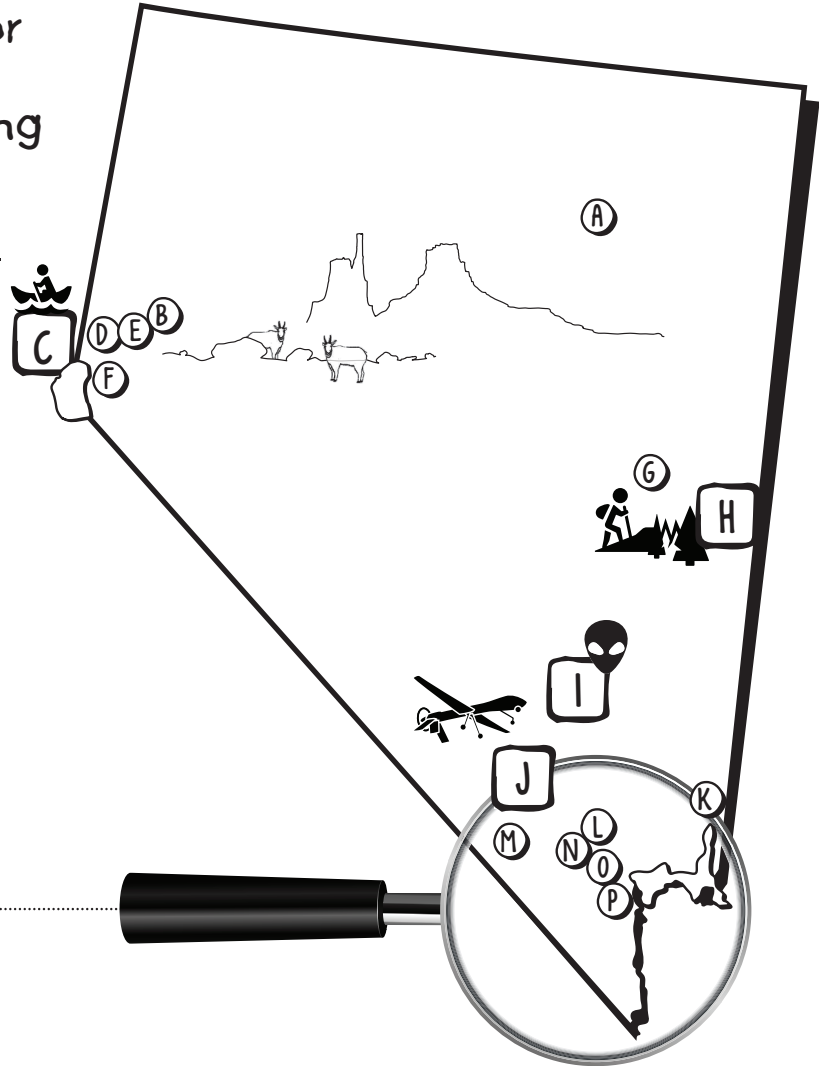
10

Graphic Designer



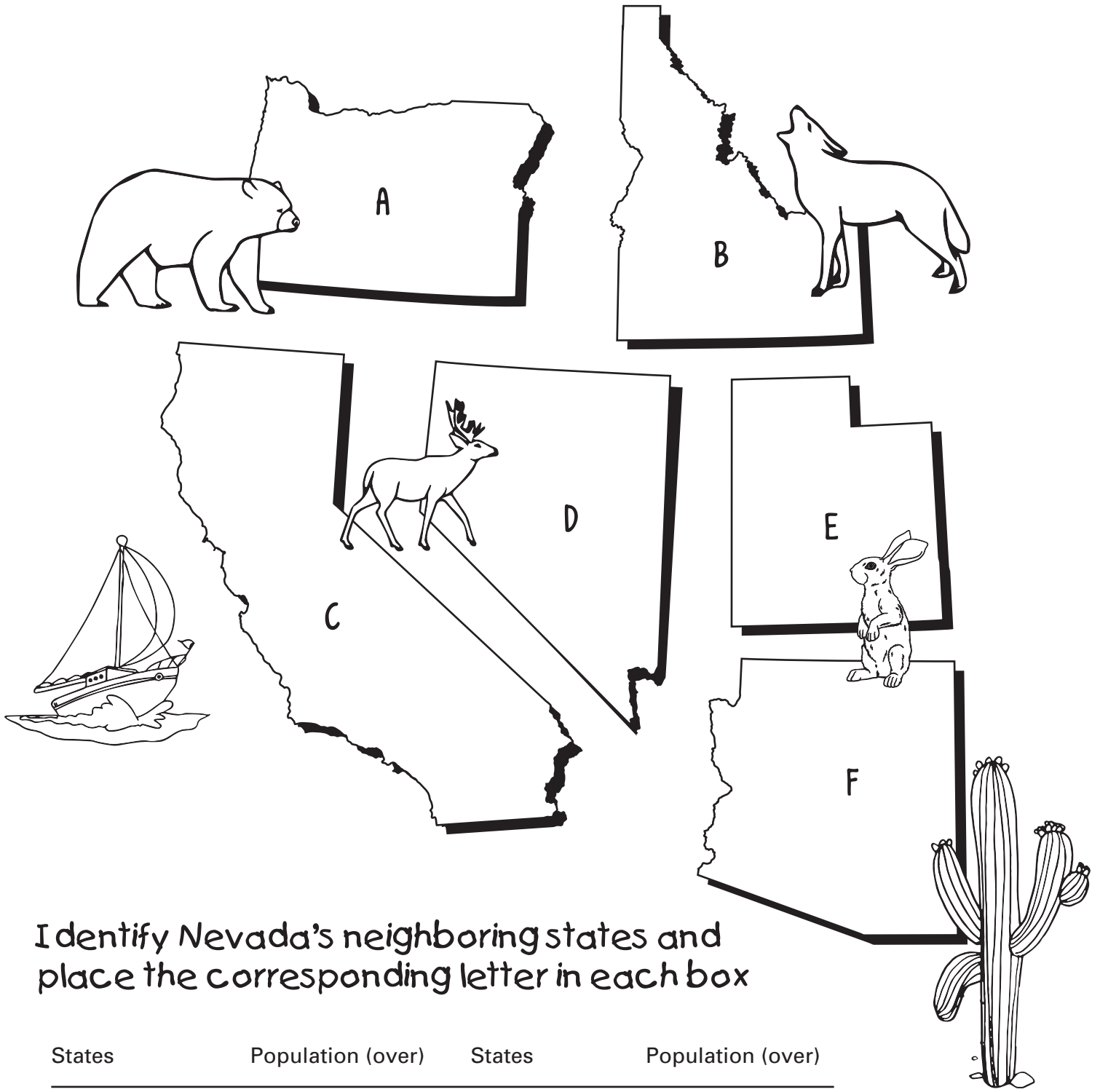
Locate Nevada's major cities on the map and place the corresponding letter in each box

Cities	Population (over)
<input type="checkbox"/> 1. Boulder City	16,000
<input type="checkbox"/> 2. Carson City	58,000
<input type="checkbox"/> 3. Elko	53,000
<input type="checkbox"/> 4. Ely	4,000
<input type="checkbox"/> 5. Las Vegas	651,000
<input type="checkbox"/> 6. Reno	268,000
<input type="checkbox"/> 7. Henderson	322,000
<input type="checkbox"/> 8. North Las Vegas	257,000
<input type="checkbox"/> 9. Sparks	107,000
<input type="checkbox"/> 10. Pahrump	43,000
<input type="checkbox"/> 11. Fernley	22,000
<input type="checkbox"/> 12. Mesquite	20,000



Locate Nevada's major points of interest on the map and place the corresponding letter in each box

- | | |
|---|---|
| <input type="checkbox"/> 13. Valley of Fire State Park | <input type="checkbox"/> 17. Hoover Dam/Lake Mead |
| <input type="checkbox"/> 14. Lake Tahoe | <input type="checkbox"/> 18. Nellis Air Force Base |
| <input type="checkbox"/> 15. Area 51 | <input type="checkbox"/> 19. Creech Air Force Base |
| <input type="checkbox"/> 16. Nevada Great Basin National Park | <input type="checkbox"/> 20. Red Rock Canyon National Conservation Area |



Identify Nevada's neighboring states and place the corresponding letter in each box

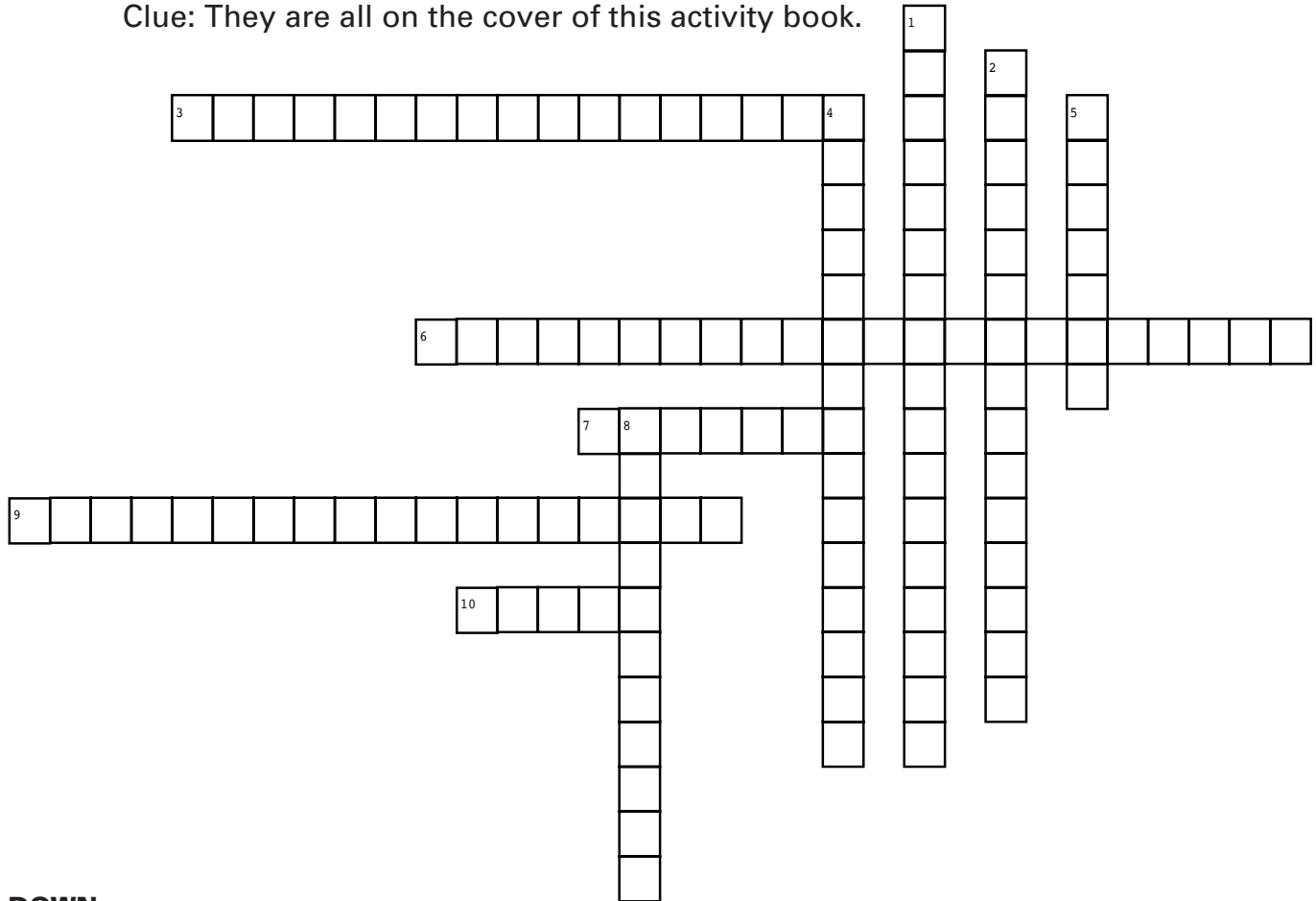
States	Population (over)	States	Population (over)
--------	-------------------	--------	-------------------

- | | |
|---|---|
| <input type="checkbox"/> 1. Nevada 3.1 Million | <input type="checkbox"/> 4. Oregon . . . 4.2 Million |
| <input type="checkbox"/> 2. California . . . 39.2 Million | <input type="checkbox"/> 5. Utah 3.3 Million |
| <input type="checkbox"/> 3. Arizona 7.2 Million | <input type="checkbox"/> 6. Idaho 1.9 Million |

Crossword Puzzle

Read the clues below to identify each of the top, high-demand occupations in Southern Nevada's target industries and fill the puzzle.

Clue: They are all on the cover of this activity book.



DOWN

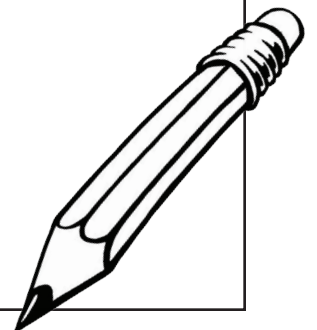
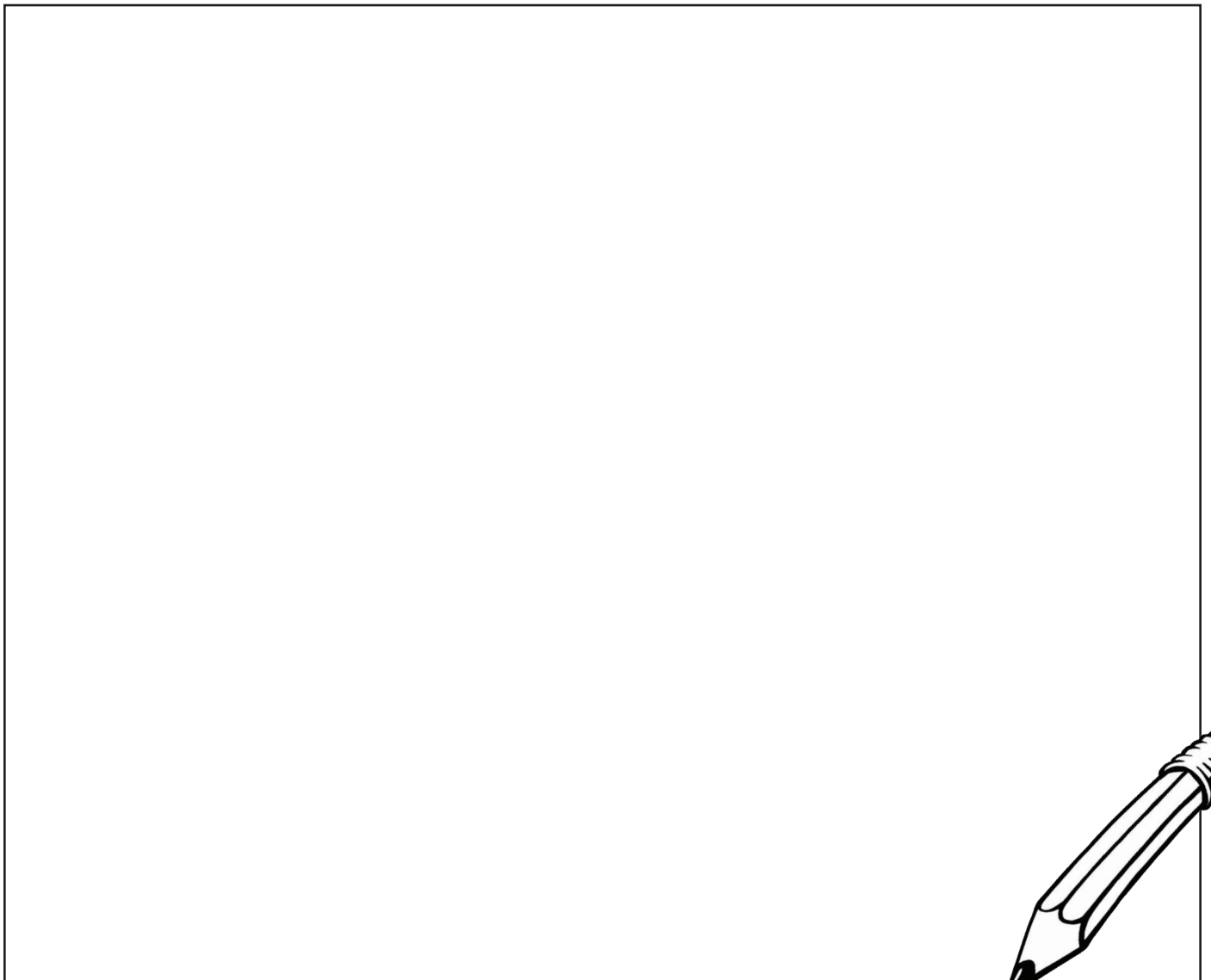
- 1 - Helps people move their body and increase range of motion.
- 2 - Develops visual concepts by hand or with computer software.
- 4 - Helps people feel better when they get sick.
- 5 - Is in charge of people and/or processes.
- 8 - Works with tools to bring electricity to people.

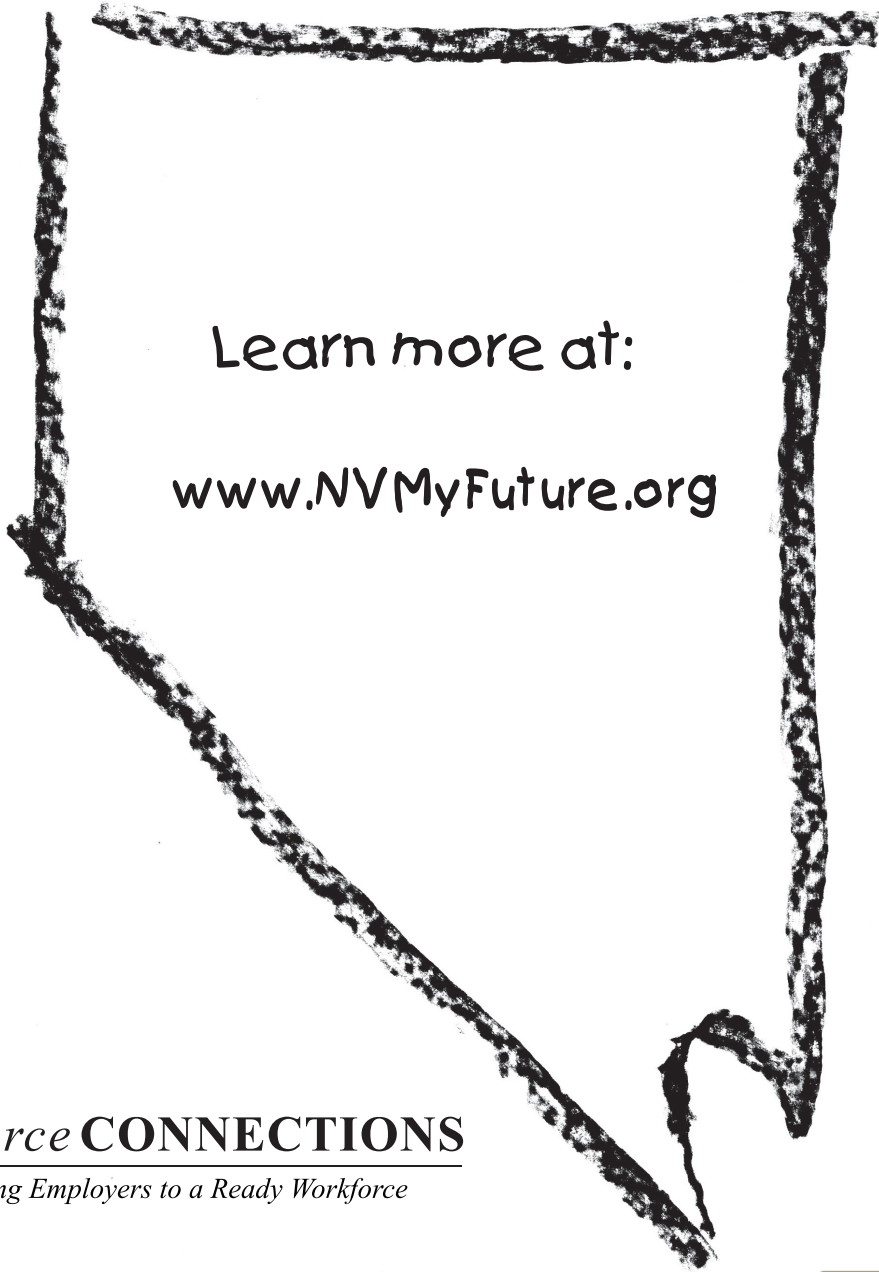
ACROSS

- 3 - Writes computer language, also known as "code".
- 6 - Uses knowledge of the natural sciences to protect people and the environment.
- 7 - Helps people learn new things like math, science, and art.
- 9 - Designs, inspects, and updates electronic systems.
- 10 - Safely transports passengers and cargo on an airplane.

Choose an occupation you like and write the name here

Draw yourself doing that job





Learn more at:

www.NVMyFuture.org

workforce **CONNECTIONS**

Connecting Employers to a Ready Workforce



Nevada Governor's Office of
ECONOMIC DEVELOPMENT

Empowering Success