

# My Future!

One day I will work in ...

**General & Advanced Manufacturing**



Manager



Electronic Engineer



Software Developer



Electrical Technician



Supervisor



Industrial Engineer

Learning about careers in the  
**general & advanced manufacturing industry**

## A note for parents and teachers ...

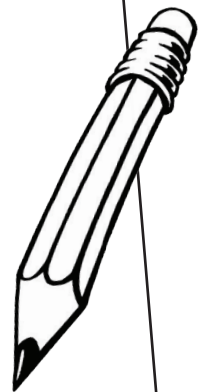
As adults, we know that a good job is essential to providing for our families. So, it's never too early for youth to start imagining their future.

With a constant increase in demand for general & advanced manufacturing, this industry provides many career opportunities. These include skilled support staff, supervisors, managers, and a variety of engineers. All of these are rewarding and well-paying careers.

Southern Nevada's Industry Sector Partnership for General & Advanced Manufacturing collaborated on this activity book to highlight a few of the occupations that will be in-demand in Nevada over the next decade. With your permission, youth can learn more about these and other good careers at:

[www.NVMyFuture.org](http://www.NVMyFuture.org)

Workforce Connections is committed to community partnerships that help youth achieve the academic and vocational skills necessary to successfully enter the workforce and confidently compete in the global economy.





## General & Advanced Manufacturing Word Search

There are many career opportunities in General & Advanced Manufacturing. Below is an occupation list. Search the matrix, find and circle the 20 occupations.

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

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

### Occupation List

- Manager
- Electronic Engineer
- Software Developer
- Electrical Technician
- Supervisor
- Industrial Engineer
- Operations Manager
- General Manager
- Environmental Scientist
- Computer Analyst
- Operation Specialist
- Safety Specialist
- Electrical Engineer
- Logistician
- Distribution Manager
- Mechanical Engineer
- Engineer
- Electrician
- Sales Supervisor
- Transportation Supervisor

One day I will be a ...

# Manager

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

Check the projects 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

$$6 \text{ volts} + 2 \text{ volts} = \underline{\quad} \text{ volts}$$

$$9 \text{ feet} - 5 \text{ feet} = \underline{\quad} \text{ feet}$$

$$3 \text{ amps} \times 4 = \underline{\quad} \text{ amps}$$

$$7 \text{ inches} - 3 \text{ inches} = \underline{\quad} \text{ inches}$$

$$5 \text{ ohms} + 8 \text{ ohms} = \underline{\quad} \text{ ohms}$$

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
- Candybars
- Photo printing kiosks
- Flower bouquets



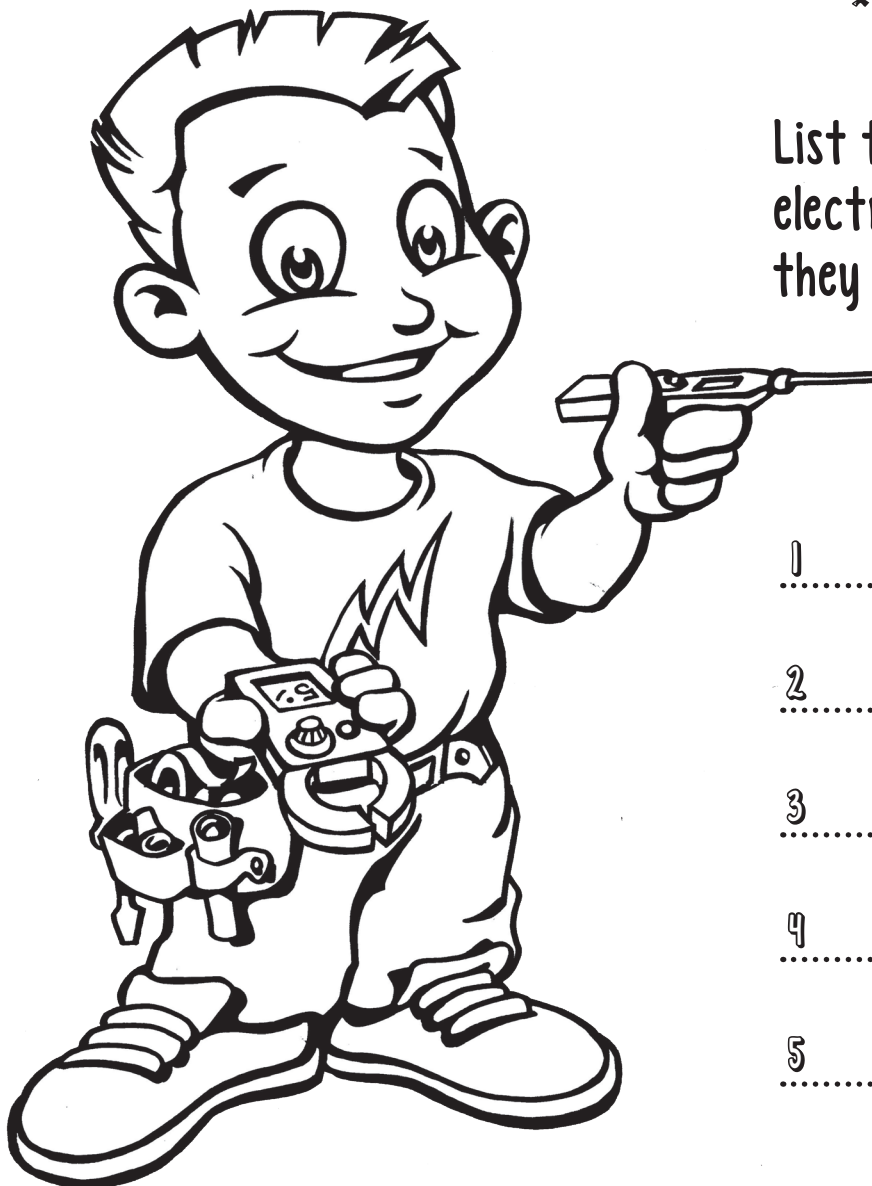


One day I will be an ...

# Electrical Technician

- \* Maintains and repairs electrical products in electrical equipment
- \* Ensures machinery and power systems run correctly

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 ...

# Supervisor

- \* Supervises the activities of employees
- \* Communicates status reports to upper management

**Circle** the skills a Supervisor should display

Strong communication

Cooking

Critical thinking

Gardening

Active listening

Drawing

Strong leadership

Singing

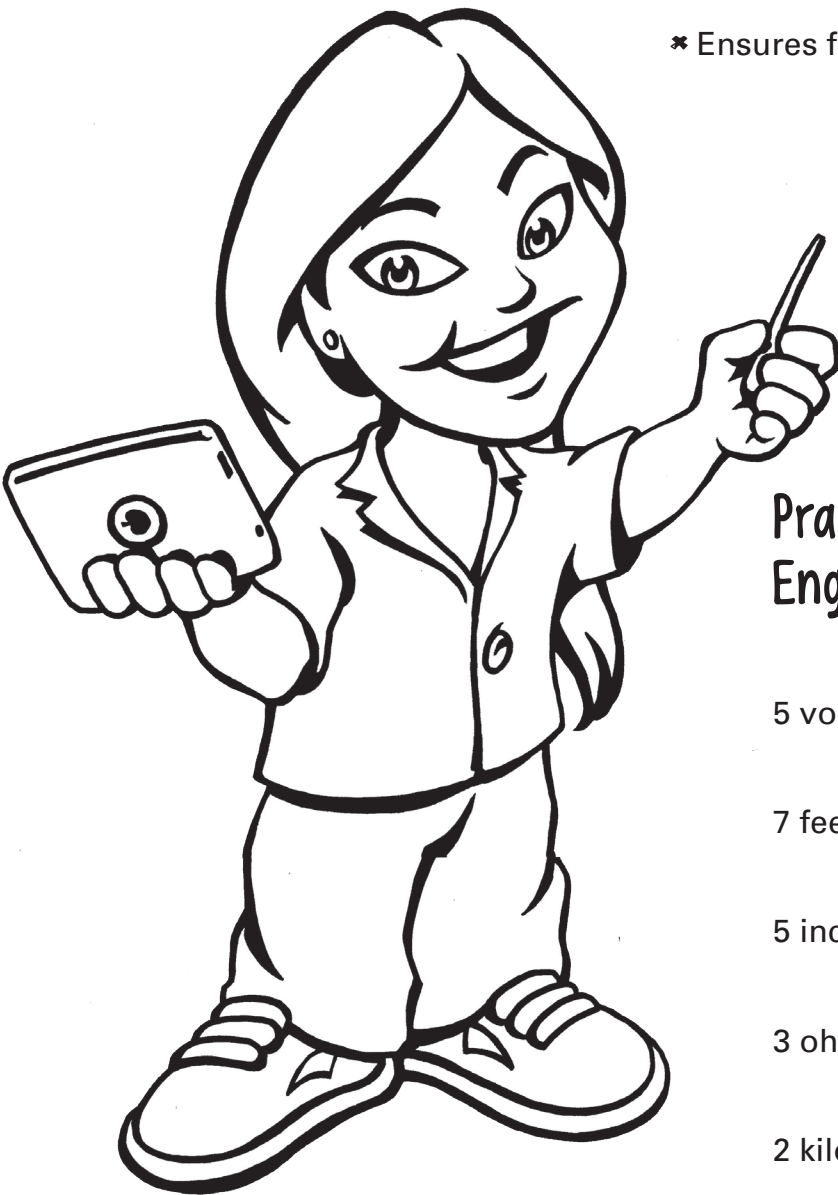




One day I will be an ...

# Industrial Engineer

- \* Improves the efficiency of the production process
- \* Ensures final products meet quality standards



Practice being an Industrial Engineer by using math

5 volts + 3 volts = \_\_\_\_\_ volts

7 feet - 4 feet = \_\_\_\_\_ feet

5 inches - 2.50 inches = \_\_\_\_\_ inches

3 ohms + 6 ohms = \_\_\_\_\_ ohms

2 kilometers x 5 = \_\_\_\_\_ kilometers

# My Future!

Draw a line from the worker to the proper job duty



Manager

1

A

Designs, inspects,  
and updates  
electronic systems

B

Improves the  
efficiency of the  
production processes

C

Maintains and  
repairs electrical  
products in electrical  
equipment

D

Is in charge of  
people and/or  
processes

E

Writes computer  
language, also  
known as "code"

F

Supervises the  
activities of  
employees



Electrical  
Technician

4



Electronic  
Engineer

2



Supervisor

5



Software  
Developer

3



Industrial  
Engineer

6



# My Future!

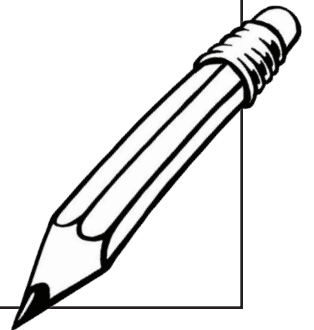
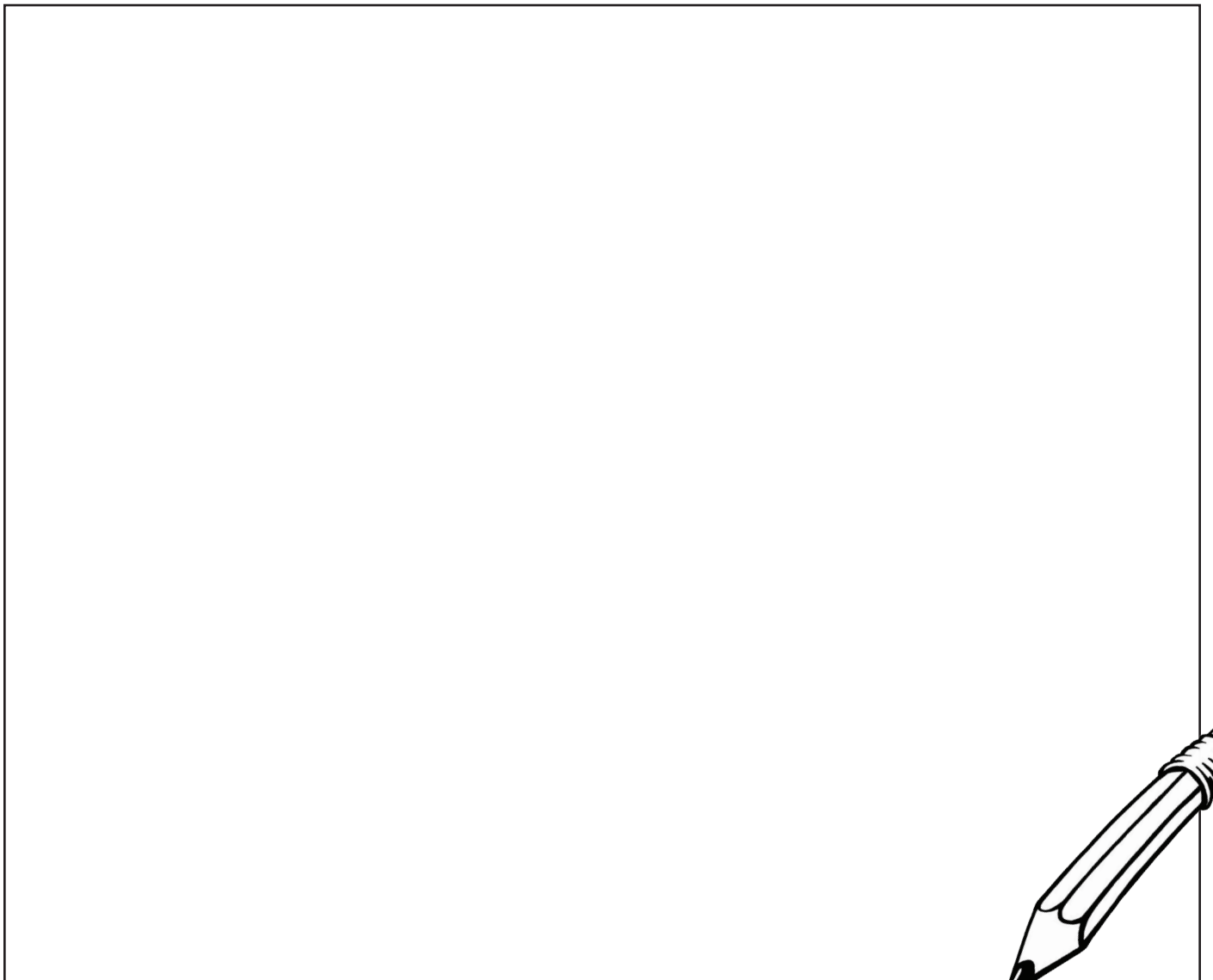
Choose an occupation you like and write the name here

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Draw yourself doing that job





Learn more at:

[www.NVMyFuture.org](http://www.NVMyFuture.org)

*workforce* **CONNECTIONS**

*Connecting Employers to a Ready Workforce*