

My Future!

One day I will work in ...

Information & Communication Technologies



Software Developer



Information Analyst



Computer Analyst



Manager



Research Scientist



Network Specialist

Learning about careers in the
information & communication technologies industry

workforce **CONNECTIONS**

Connecting Employers to a Ready Workforce

A note for parents and teachers ...

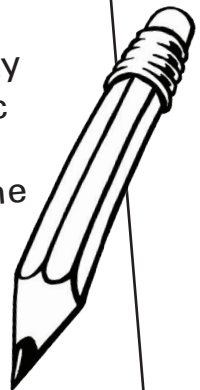
As adults, we know that a good job is essential to providing for our families. So, it's never too early for youth to start imagining their future.

With a constant increase in demand for information & communication technologies, this industry provides many career opportunities. These include skilled network specialists, managers, and a variety of analysts. All of these are rewarding and well-paying careers.

Southern Nevada's Industry Sector Partnership for Information & Communication Technologies 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

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.





Information & Communication Technologies Word Search

There are many career opportunities in Information & Communication Technologies.
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!

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

Occupation List

Software Developer
Information Analyst
Computer Analyst
Manager
Research Scientist
Network Specialist
Support Specialist
Computer Engineer
Sales Engineer
Research Analyst
Web Developer
Network Administrator
Data Administrator
Marketing Manager
Hardware Engineer
Service Technician

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 an ...

Information Analyst

- * Collects and analyzes performance data from information network
- * Completes database backups and manages quarterly audit requests

Circle the things that an Information Analyst might use at work

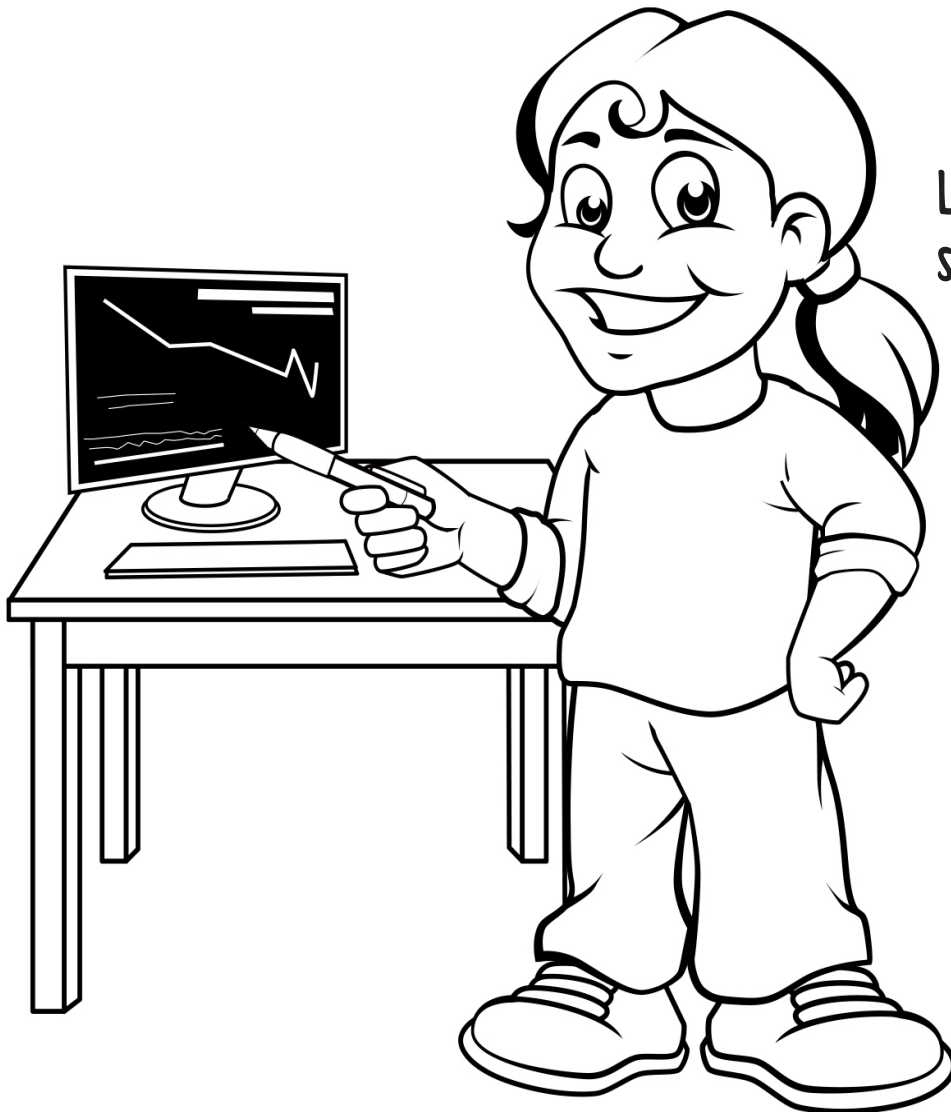


Microsoft excel
Cookies
Google sheets
Cooking pan
Antivirus software
Oven
Computer
Stove

One day I will be a ...

Computer Analyst

- * Makes sure computer systems work effectively
- * Enjoys analyzing and solving problems



List places where computer systems are used

- 1
- 2
- 3
- 4
- 5

One day I will be a ...

Manager

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



☒ Check 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 a ...

Research Scientist

- * A Computer Research Scientist explores complex problems in computing
- * Collaborates with engineers to develop theories and models to solve them

Circle the places a
Computer Research Scientist
might work at

University

Bakery

Federal government

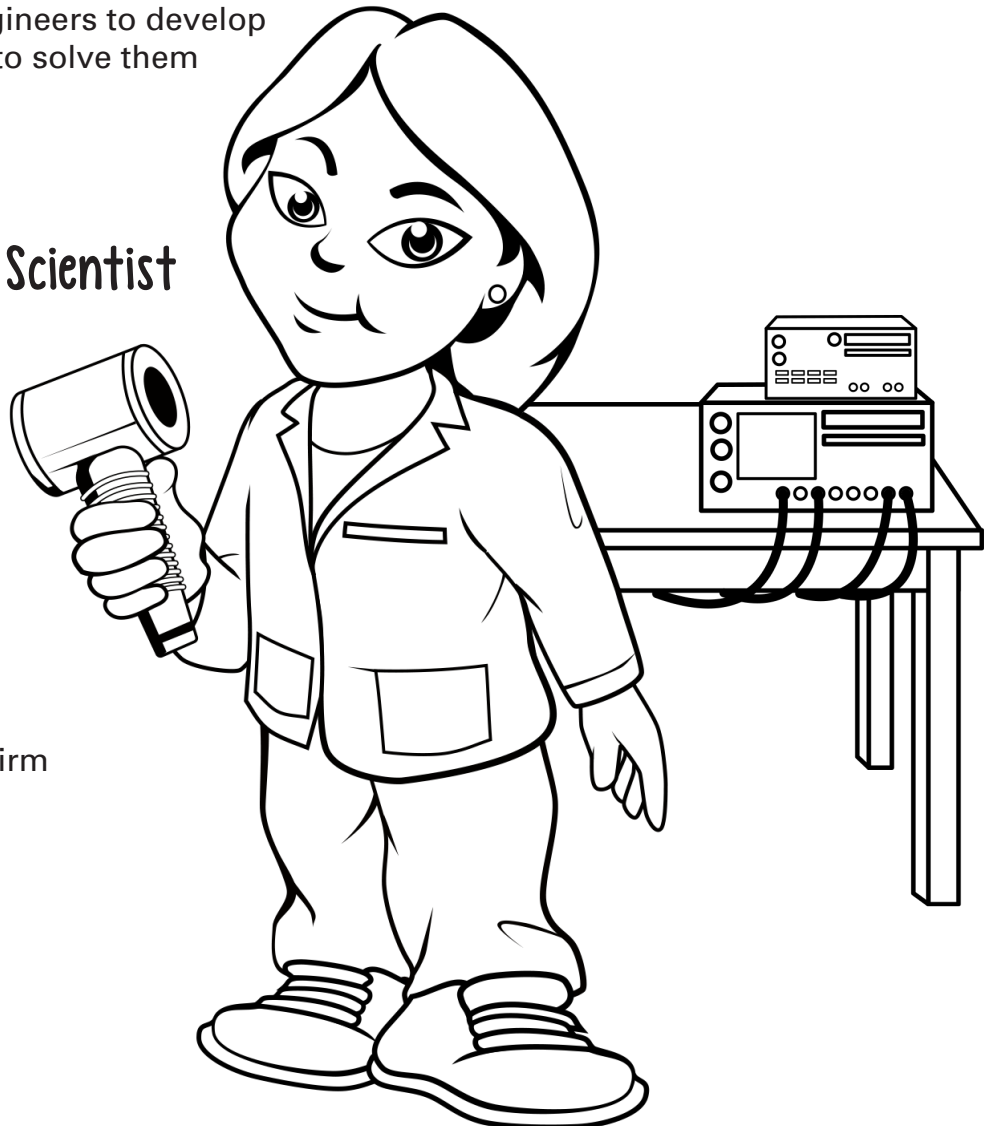
Football team

Computer system design firm

Applebee's

Apple or Microsoft

Grocery store



One day I will be a ...

Network Specialist

- * Evaluates and fixes computer network problems
- * Designs and builds communication networks



Practice being a Network Specialist by using Math

15 feet of cable \times 3 = _____ feet of cable

21 servers + 17 servers = _____ servers

\$1,000.00 - \$250.00 = \$_____

87 laptops - 49 laptops = _____ laptops

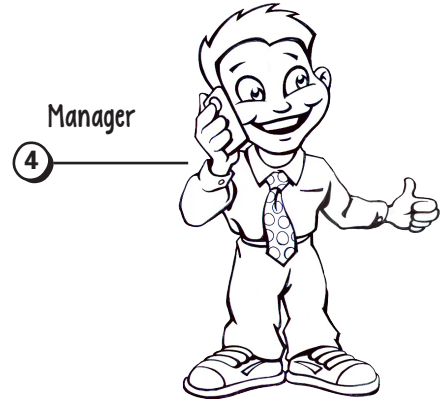
58 printers + 39 printers = _____ printers

My Future!

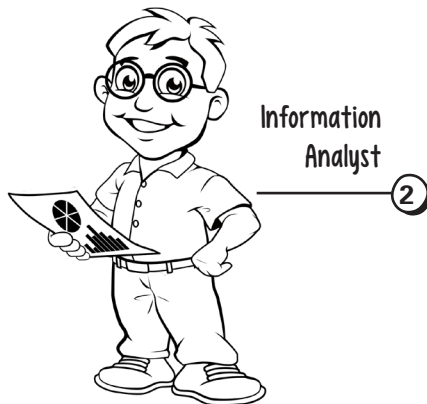
Draw a line from the worker to the proper job duty



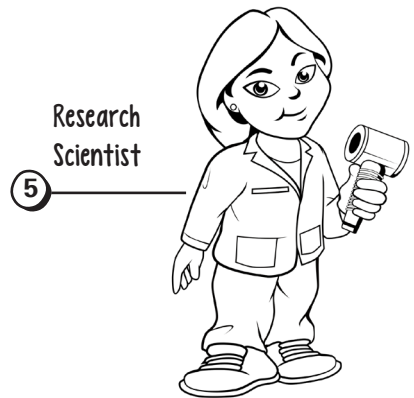
①
Collects and analyzes performance data from information network



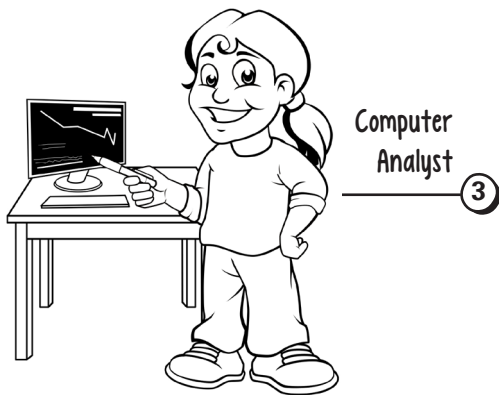
②
Evaluates and fixes computer network problems



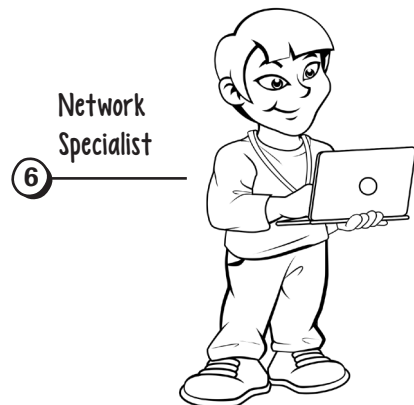
③
Makes sure computer systems work effectively



④
Writes computer language, also known as "code"



⑤
Explores complex problems in computing

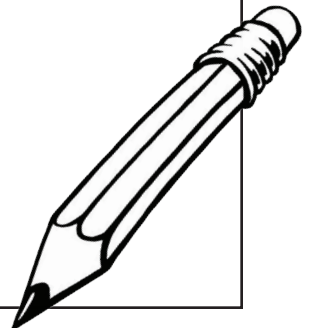



⑥
Is in charge of people and/or processes



Choose an occupation you like and write the name here

Draw yourself doing that job





Learn more at:
www.NVMyFuture.org

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