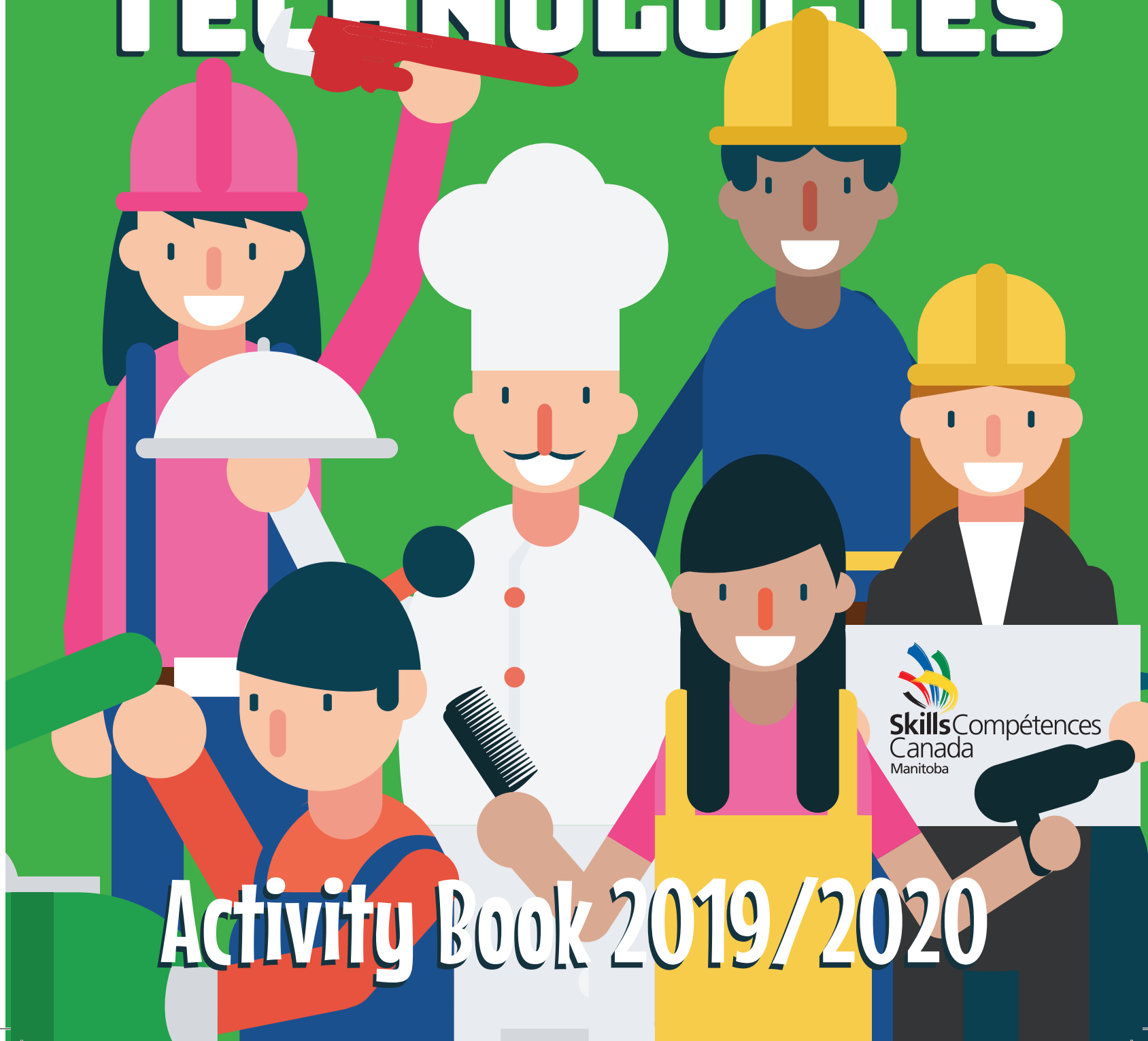


SKILLED TRADES & TECHNOLOGIES



 SkillsCompétences
Canada
Manitoba

Activity Book 2019/2020

THE 4 SKILLED TRADES SECTORS

CONSTRUCTION

- take a shower, water a garden
- provide power
- provide heat and air conditioning

FUN FACT:

The Burj Khalifa is the world's tallest building. Over 12,000 people a day worked on it. That's the population of a small city!

SERVICE

- provide parts for vehicles and appliances
- cook a wide variety of food
- cut and style hair

FUN FACT:

The folds in a chef's hat represent the many different ways you can cook an egg.

RESTAURANT

Take a look around you.

What do we rely on tradespeople for?

FUN FACT:

China is the world's largest manufacturer.

INDUSTRIAL

- manufacture electronics
- create parts for automobiles
- assemble household appliances

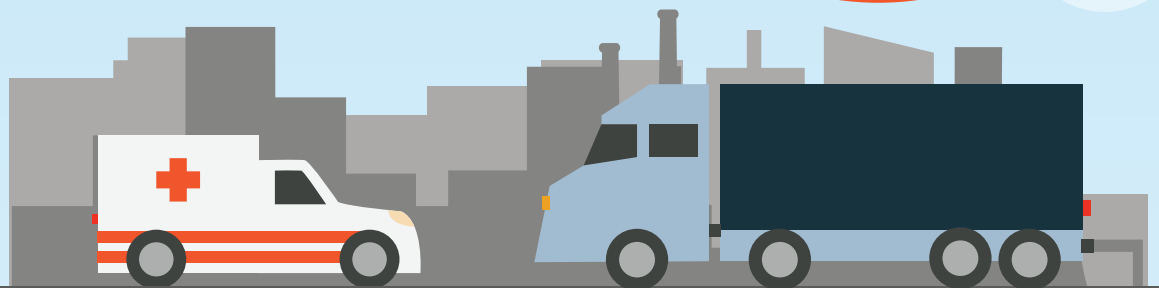


TRANSPORTATION

- travel from one place to another
- carry goods from location to location
- fix cars, buses, bicycles

FUN FACT:

Did you know Canada's first electric car was built more than 100 years ago?



You are surrounded by the work of tradespeople.

CONSTRUCTION

Build or repair structures such as buildings, roads, and bridges.

ELECTRICIAN

Provides power to houses, computers, light switches, stadiums and concerts.



PLUMBER

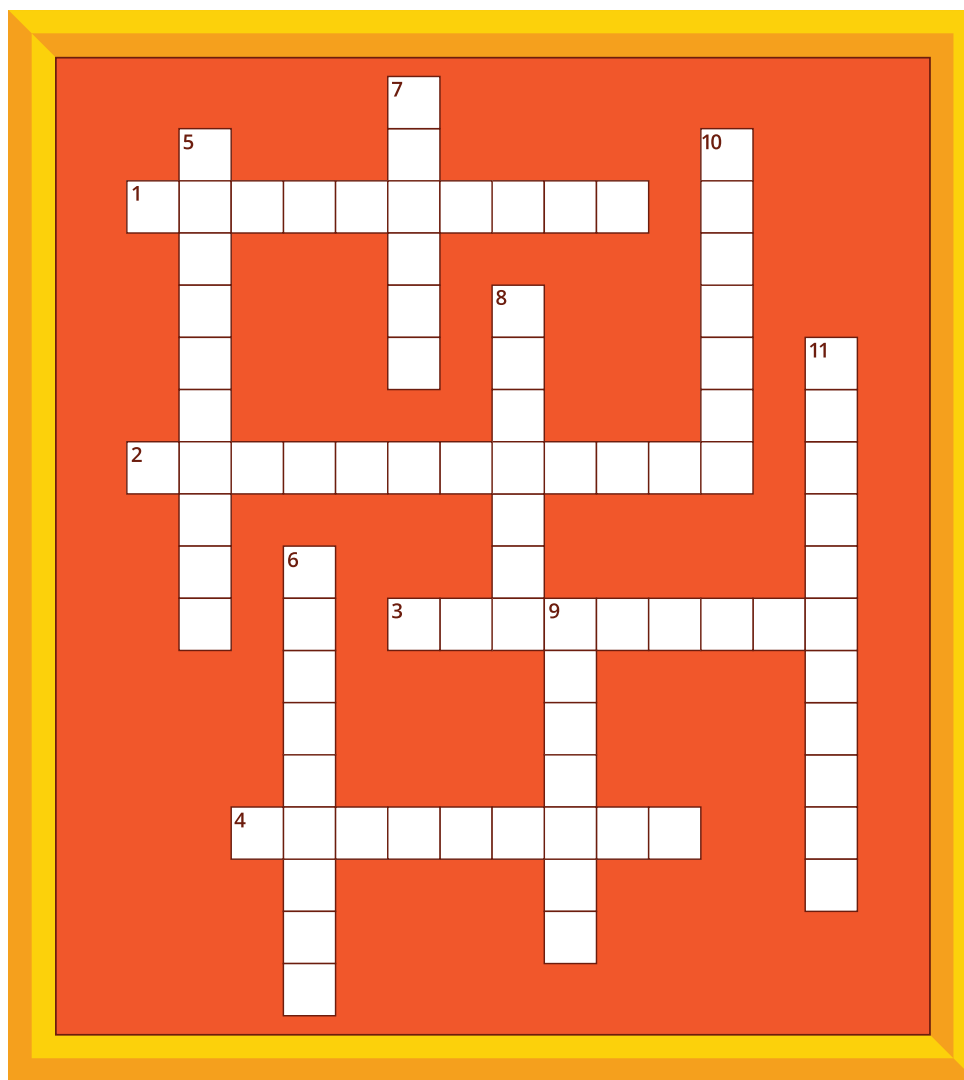
Puts pipes in so we can shower and wash our hands.

CARPENTER

Works with wood mostly but does work with other materials to build almost anything.



CROSSWORD



ACROSS

1. Builds the framework of steel bridges and skyscrapers
2. Builds cabinets and furniture made of wood
3. Make or repair wooden structures and objects
4. Install and repair gas lines and equipment

DOWN

5. Builds chimneys, fireplaces, patios, walls or walkways
6. Apply material to prevent or reduce the passage of heat and cold
7. Install and repair flat roofs
8. Install and repair pipes
9. Apply paint
10. Place glass into buildings and furniture
11. Install and fit tanks that hold liquid and gases

Word List

bricklayer army welder carpenter cabinetmaker
 landscaper glazier concrete finisher hydro
 painter mason sheet metal worker ironworker
 pipefitter plumber sloped roofer blacksmith
 steamfitter roofer boilermaker gasfitter lather
 paint brush decorator insulator electrician

SERVICE

Provide a helpful activity.

COOK

Prepares and cooks, plans meals, orders and prices a wide variety of food.

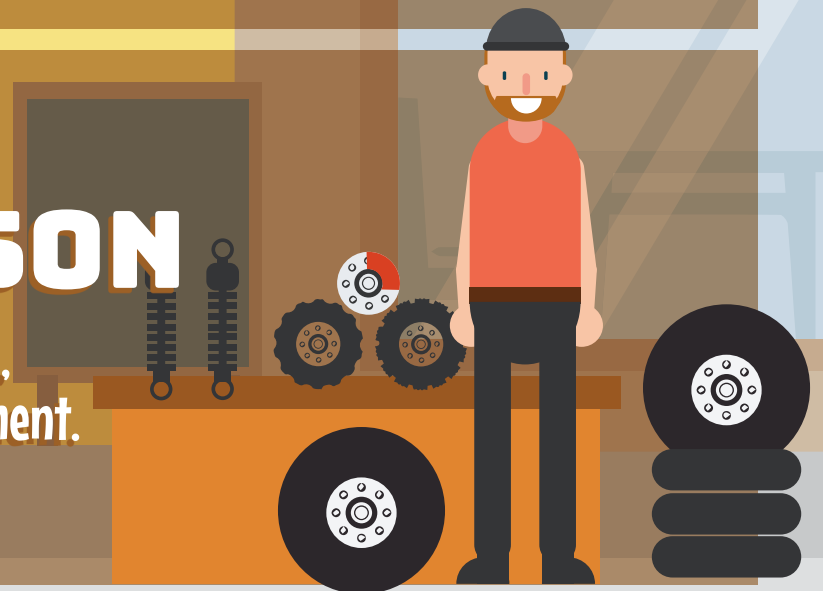


HAIRSTYLIST

Cuts, colours, shampoos, rinses and styles hair.

PARTSPERSON

Manage and sell parts for vehicles, appliances, machinery and equipment.



Fill in the missing vowels (A, E, I, O, U, Y)

C _ _ K

_ L _ C T R _ L _ G _ S T

_ S T H _ T _ C _ _ N

H _ _ R S T _ L _ S T

P _ R T S P _ R S _ N

P _ R K P R _ D _ C T _ _ N
T _ C H N _ C _ _ N

INDUSTRIAL

Make something on a large scale using machinery.

WELDER

Shape metal or join metal pieces together.



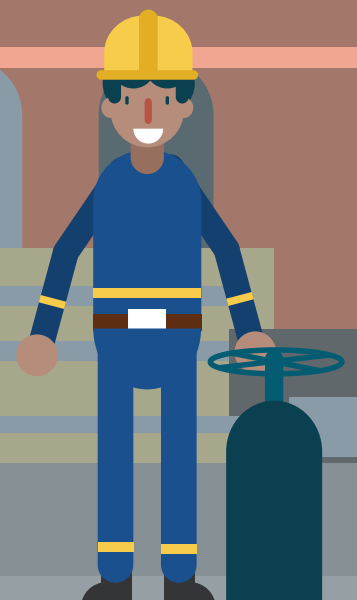
MACHINIST

Cut and shape metal using controlled equipment to make precisely sized metal products.



WATER AND WASTEWATER TECHNICIAN

Operate and maintain water treatment plants, distribution of water and wastewater collection and disposal systems.



WORD SEARCH

T O O L A N D D I E M A K E R N
O S T A L E I D K M K W E R A A
O C E L T A O L C M A C A I L I
L L M A C P T R N E C H C E N C
D L R W E G T E C L M I N E C I
S I T A C H D L M W R E D O U N
M R N H I S T D A T L E A C H H
C D E I N W M H C W R P A I C C
S D R D T A L E H C M I P A R E
T E W E L P L U I C T S A T D T
C I L L U E T C N A C G H P G G
U A I U R T W C I S T E C N E I
D T A E L E C V S W E L G T O R
O P W U C A L M T C R E U P W E
R O L T E M A C H I N I S T L D
P E L E C T L O U C M R A C H S

WORD LIST

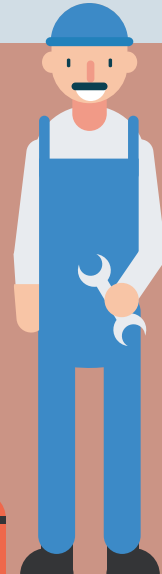
repair power electrician machinist
tool and die maker cnc machinist metal
drill welder rig technician products

TRANSPORTATION

Build or repair all types of vehicles.

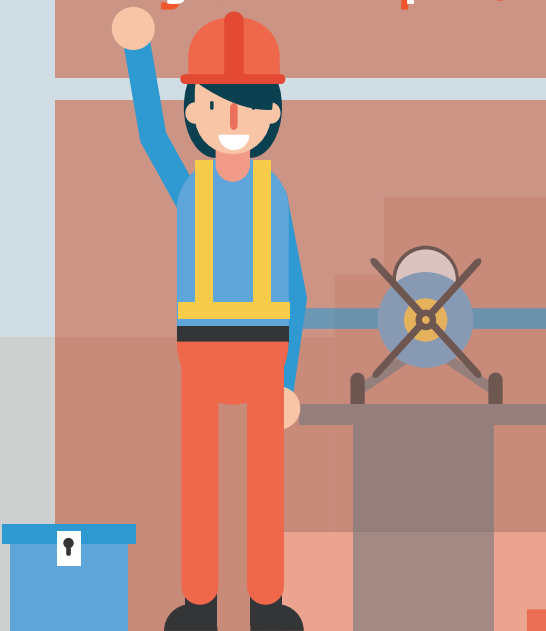
AUTOMOTIVE SERVICE TECHNICIAN

Diagnose and repair cars, vans, trucks.



AIRCRAFT MAINTENANCE JOURNEYPERSON

Service and maintain aircrafts.



AGRICULTURAL EQUIPMENT TECHNICIAN

Installs, maintains and repairs
farm tractors and machinery.



4 9 5 19 5 12 5 14 7 9 14 5
13 5 3 8 1 14 9 3

8 5 1 22 25 4 21 20 25
5 17 21 9 16 13 5 14 20
20 5 3 8 14 9 3 9 1 14

18 1 9 12 23 1 25 3 1 18
20 5 3 8 14 9 3 9 1 14

1 21 20 15 13 15 20 9 22 5 16 1 9 14 20 5 18

13 15 20 15 18 22 5 8 9 3 12 5
2 15 4 25 18 5 16 1 9 18 5 18

18 5 3 18 5 1 20 9 15 14 22 5 8 9 3 12 5
19 5 18 22 9 3 5 20 5 3 8 14 9 3 9 1 14

20 18 1 14 19 16 15 18 20 20 18 1 9 12 5 18
20 5 3 8 14 9 3 9 1 14

KEY

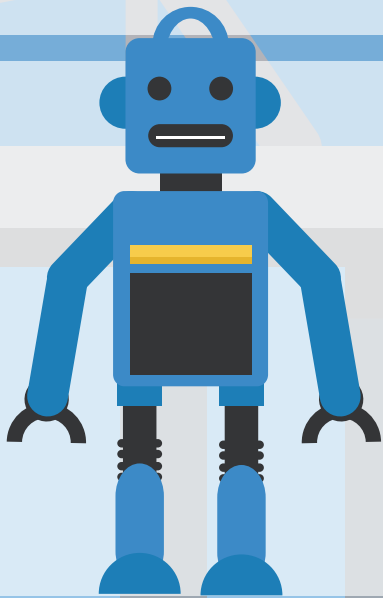
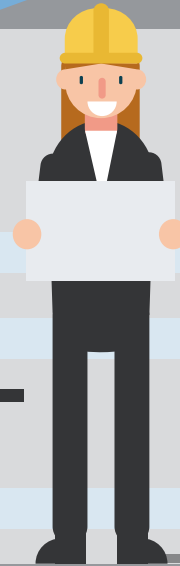
1=A 2=B 3=C 4=D 5=E 6=F 7=G 8=H 9=I
10=J 11=K 12=L 13=M 14=N 15=O 16=P
17=Q 18=R 19=S 20=T 21=U 22=V 23=W
24=X 25=Y 26=Z

TECHNOLOGY

To invent useful things to solve problems.

ENGINEER

Design and build complex products such as machines, systems, or structures.



ROBOTICS

The design, construction, operation, and application of robots.

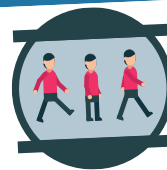
TV/VIDEO PRODUCTION

Writing, filming/capturing moving images, and editing.

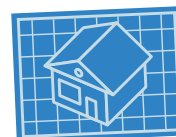


UNSCRAMBLE THE WORDS!

RMAANTIO



TTCEHACRI



RCMPTOUE MRERAPMGOR



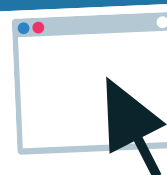
CGRPAIH RGNESDIE



HGPOOHREPRAT



WSRATEFO EEERLOPDV



WBETISE DELEVPEOR



ESSENTIAL SKILLS



Technical skills are also referred to as “hard skills.” They are acquired through practice and learning. They assist to complete a job or task.

Draw a line between the Essential Skills and photo that matches it.

Numeracy:

how workers, students and people use numbers.

Oral Communication:

use of speech and to give and exchange thoughts and information.

Working with others:

how employees work with others to carry out tasks.

Continuous Learning:

workers/individuals participate in ongoing learning of skills, upgrading and acquiring more information about tasks.

Reading Text:

reading material that is in the form of sentences and paragraphs.

Writing:

involves writing texts and in documents, including typing on a computer.

Thinking:

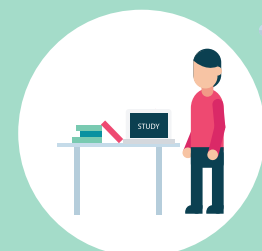
engaging in the process of evaluating ideas or information to reach a rational decision.

Document Use:

tasks that involve different ways information is displayed such as words, numbers, lines, colours and/or shapes. Ex) graphs, tables, blueprints.

Digital:

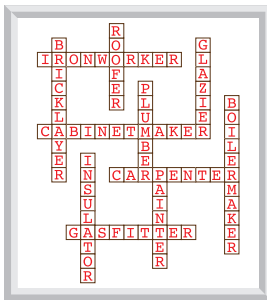
tasks that involve the use of a digital instrument or software.



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

ANSWER KEY

Construction Crossword



Service Missing Vowels

Cook
Electrologist
Esthetician
Hairstylist
Partsperson
Pork Production Technician

Industrial Word Search



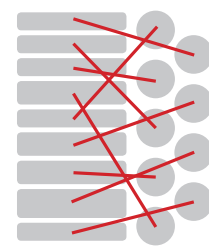
Transportation Secret Message

Diesel Engine Mechanic
Heavy Duty Equipment Technician
Railway Car Technician
Automotive Painter
Motor Vehicle Body Repairer
Recreation Vehicle Service Technician
Transport Trailer Technician

Technology Word Scramble

Animator
Architect
Computer Programmer
Graphic Designer
Photographer
Software Developer
Website Developer

Essential Skills Match



OUR MISSION:

To attract young Manitobans to careers in skilled trades and technology.

OUR VISION:

Skills Canada Manitoba will be a leader and vital partner in meeting Manitoba's skilled workforce needs.

