

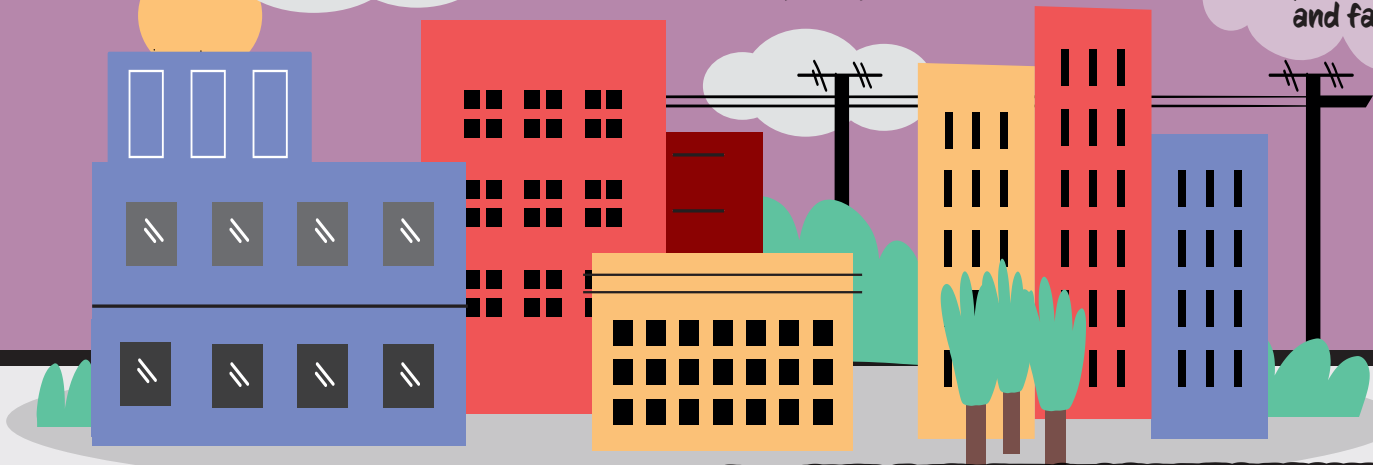
SKILLED TRADES & TECHNOLOGIES



MECHANICAL/ELECTRICAL

PAGES 4-5

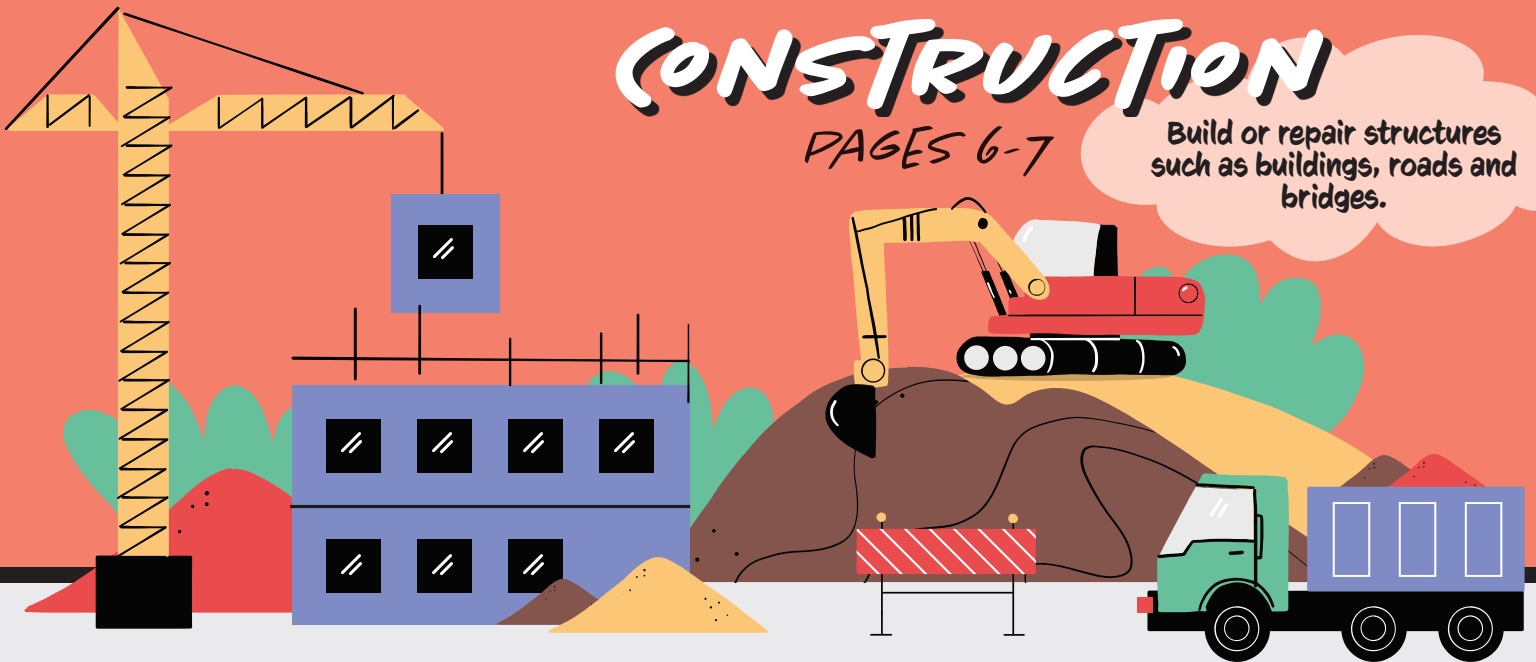
Install, maintain and repair equipment and facilities



CONSTRUCTION

PAGES 6-7

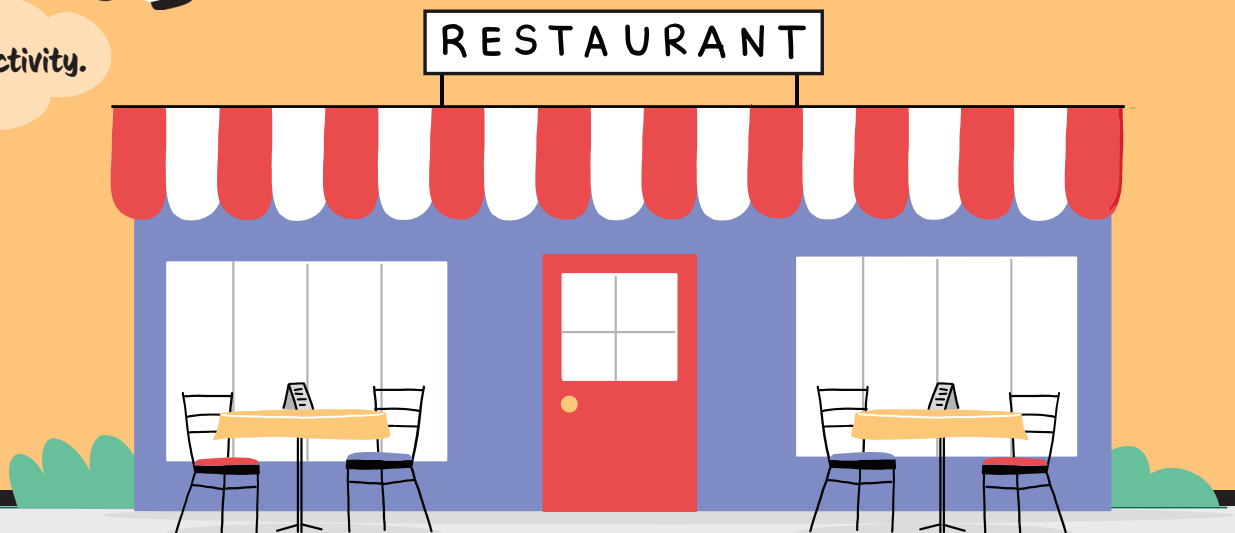
Build or repair structures such as buildings, roads and bridges.



SERVICE

PAGES 8-9

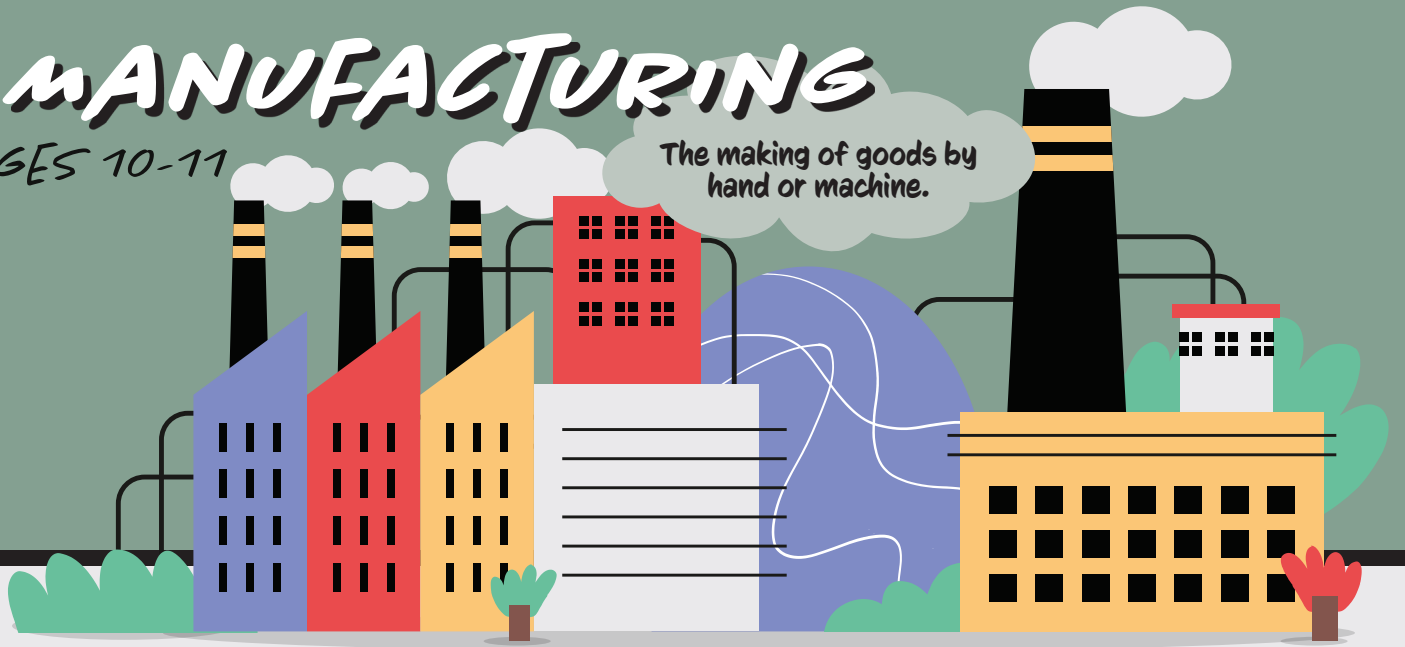
Provide a helpful activity.



MANUFACTURING

PAGES 10-11

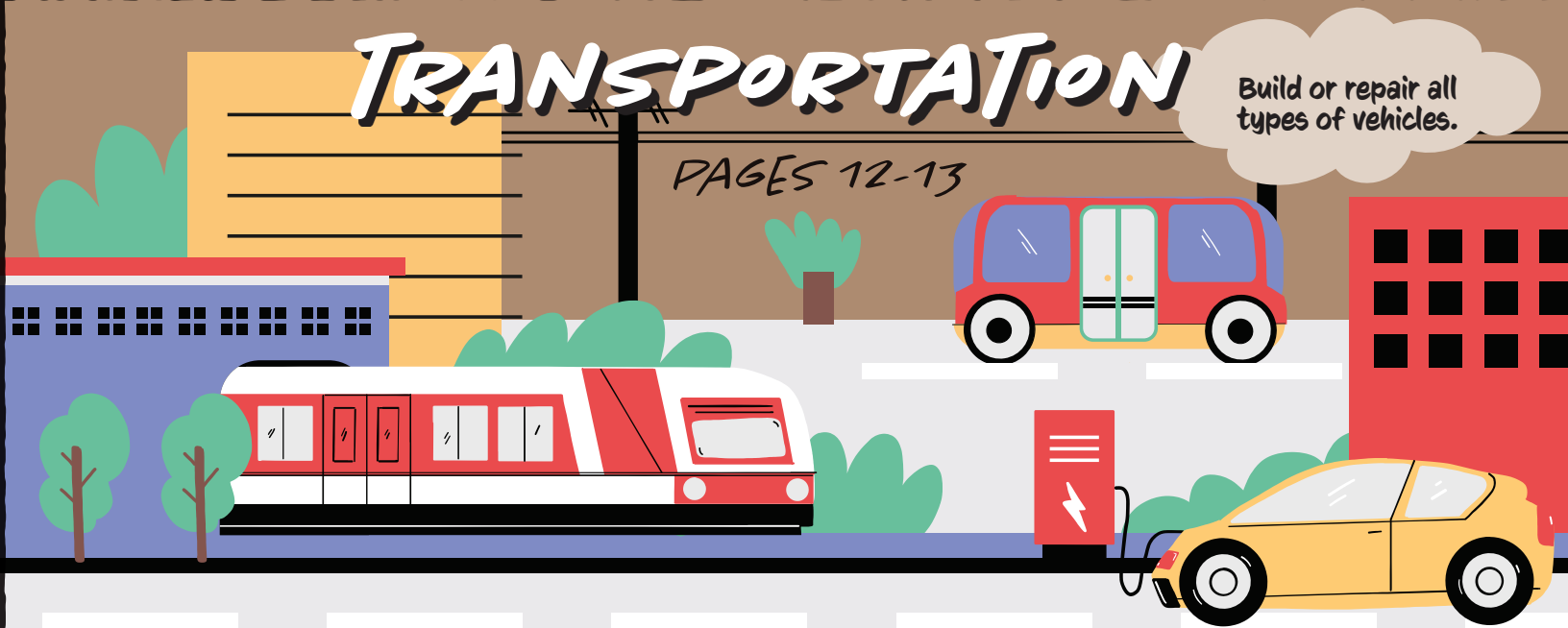
The making of goods by hand or machine.



TRANSPORTATION

PAGES 12-13

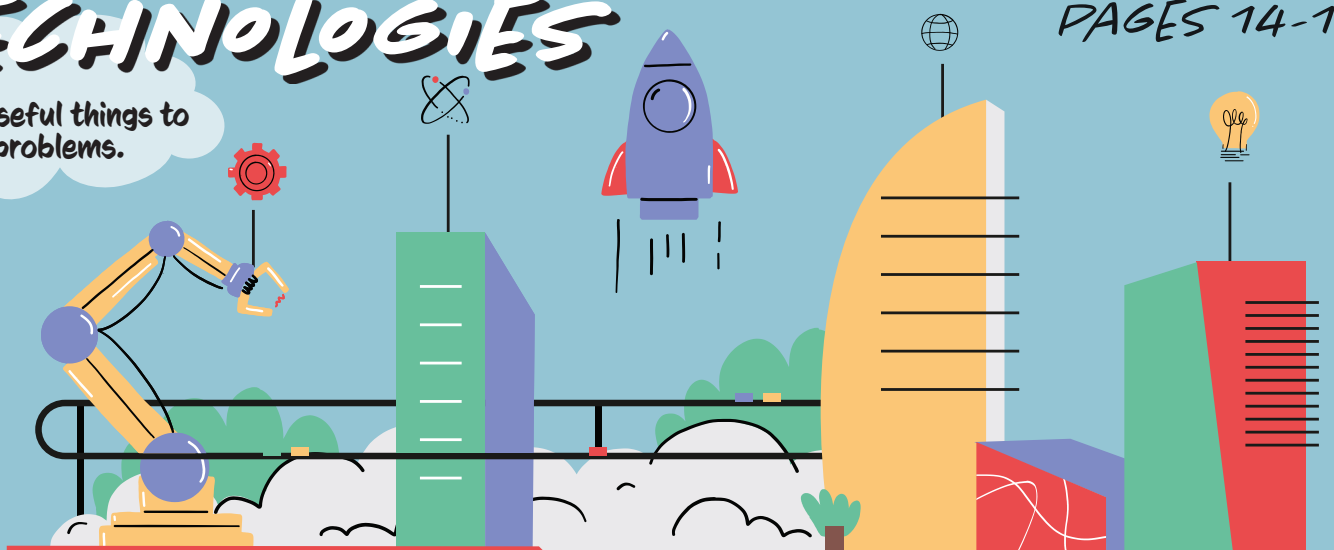
Build or repair all types of vehicles.



TECHNOLOGIES

PAGES 14-15

To invent useful things to solve problems.



MECHANICAL / ELECTRICAL

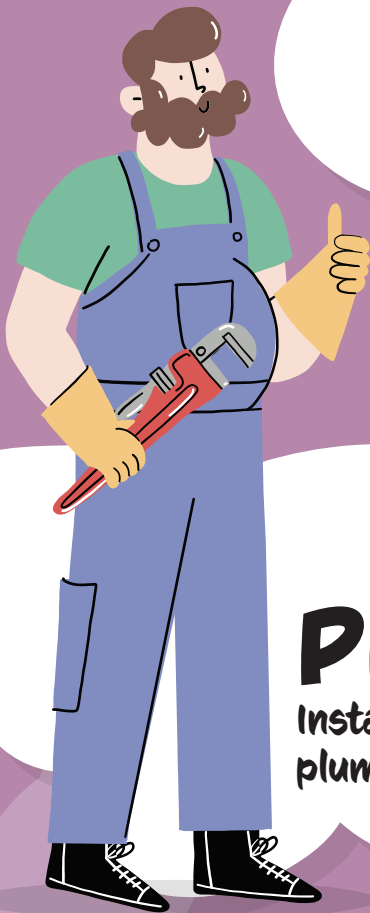
CONSTRUCTION ELECTRICIAN

Install, repair and maintain electrical fixtures
that provide heat, light and power.



PLUMBER

Install, maintain and repair
plumbing systems.



POWER ELECTRICIAN

Install, maintain and repair
electrical equipment.



WORD SCRAMBLE

UNSCRAMBLE THE
WORDS

NTISTURNOCO ANETELCCRII

TTREISAFG

RMBEPUL

ARLINDISTU TRIANLEECCI

EETHS TELAM WROERK

KINERLSRP ITTFRE

FIERTTSMTEA-IPPETTFIRE

CONSTRUCTION



LATHER

Install support frameworks for ceilings, walls and building partitions.

CARPENTER

Build and repair whole and parts of buildings and other structures.



WORD SEARCH

WORD LIST

BRICKLAYER IRONWORKER LANDSCAPER LATHER
CARPENTER ROOFER SLOPED ROOFER CRANE OPERATOR
INSULATOR GLAZIER PAINTER CONCRETE FINISHER

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

SERVICE



COOK

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



HAIRSTYLIST

Cuts, colours, styles and chemically treats hair.

LOGIC PUZZLE

$$\text{Comb} + \text{Chef Hat} \times \text{Scissors} = 25$$

$$10 - \text{Chef Hat} = \text{Chef Hat}$$

$$\text{Comb} \div \text{Chef Hat} = 2$$

$\text{Comb} =$

$\text{Scissors} =$

$\text{Chef Hat} =$

MANUFACTURING



WELDER

Form, bend and join metals using a variety of welding equipment.



MACHINIST

Set up and operate a variety of machine tools to cut, grind and drill metal into parts or products.

CIPHER

JUST A FEW OF THE
MANY JOBS IN
MANUFACTURING!



HOHFWULF PRWRU
VBVWHP WHFKQLFLDQ

ZHOGHU

FGF PDFKLQLVW

ZDWHU DQG ZDVWHZDWHU
WHFKQLFLDQ

PDFKLQLVW

ULJ WHFKQLFLDQ

ERLOHUPDNHU

SRUN SURGXFWLRQ
WHFKQLFLDQ

FDELQHWPDNHU

LQVWUXPHQWDWLRLQ DQG
FRQWURO WHFKQLFLDQ

WRRO & GLH PDNHU

TRANSPORTATION

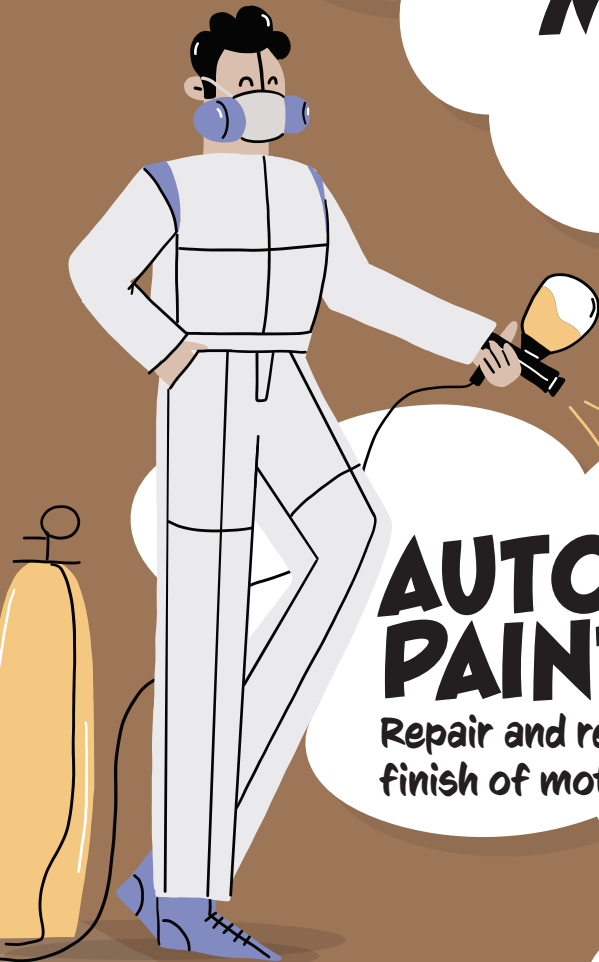
DIESEL ENGINE MECHANIC

Repairs and maintains diesel engines.



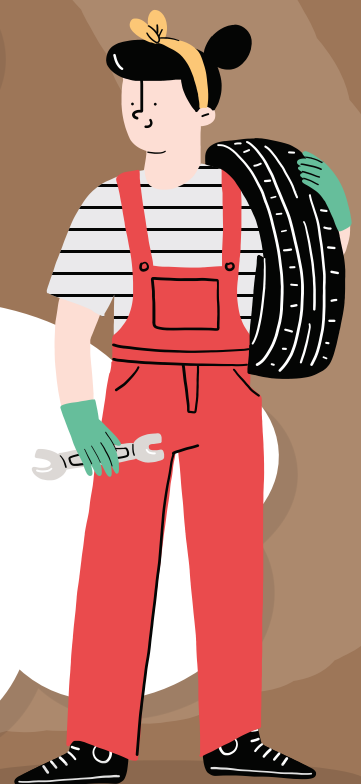
AUTOMOTIVE PAINTER

Repair and restore the exterior finish of motor vehicles.



AUTOMOTIVE SERVICE TECHNICIAN

Diagnose and repair cars, vans, trucks and transformers.



MAZE



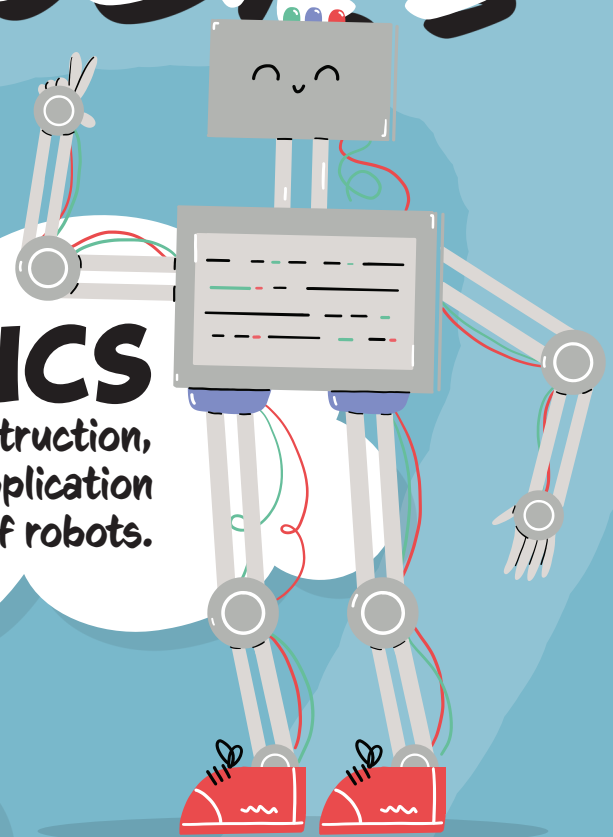
HELP THE
DIESEL
ENGINE
MECHANIC
AND THE
AUTOMOTIVE
SERVICE
TECHNICIAN
WORK
TOGETHER



TECHNOLOGIES

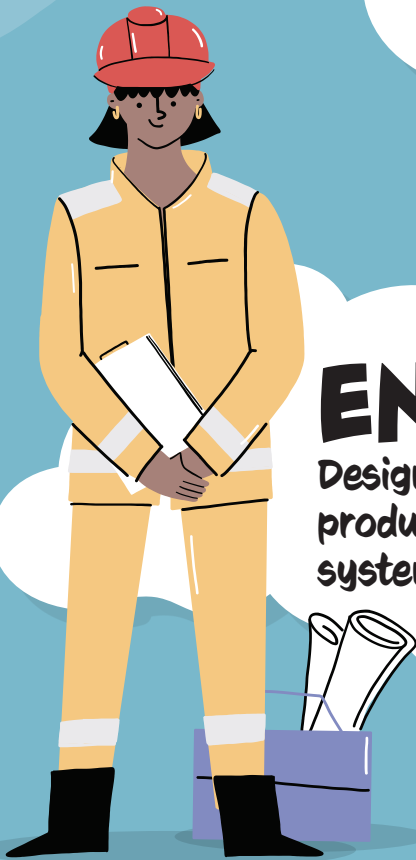
ROBOTICS

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



ENGINEER

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



TV/VIDEO PRODUCTION

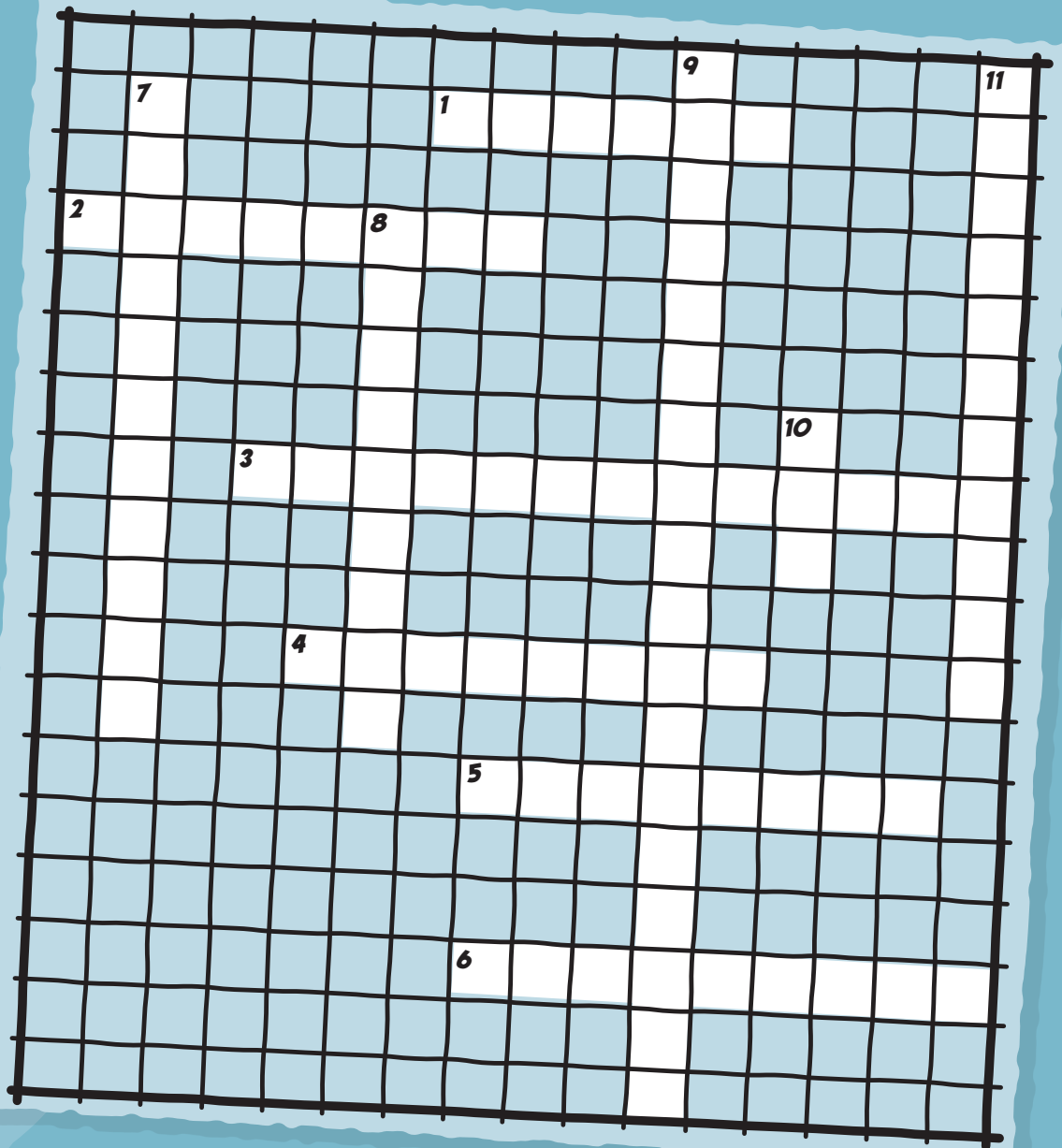
Production, Writing, filming/capturing moving images, and editing.



TECHNOLOGY (CROSSWORD)

WORD BANK:

camera
 art
 photography
 iphone
 pictures
 app
 software
 robots
 cartoons
 video game
 animation
 movie
 tablet
 ibm
 computer
 memory card
 website developer
 hard drive
 usb
 website development
 electronics
 robotics
 electricity
 cellphone
 graphic design
 computer game



ACROSS

1. A small portable computer
2. Various programs and other operating information used by a computer
3. The art of designing ads, books, and magazines using pictures and words
4. A device used for working with information that can process huge amount of data quickly
5. The kind of technology that deals with the design, construction, and operation of robots
6. An electronic game in which the player controls an image on a screen

DOWN

7. The art of taking and processing photos
8. The process of giving the illusion of movement to drawings
9. Building, creating, and maintaining websites
10. Used for data storage
11. Devices that operate using many small electrical parts

PARTNERSHIPS & SPONSORS

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Principal Partner



Educational Partners



Platinum Partners



Gold Partners



Silver Partners



Bronze Partners



Contributing Partners

Boyd Autobody & Glass

Bunge

CHASE Auto Body Supplies

Community Futures Parkland

Community Futures Winnipeg River

Electrical Association of Manitoba

Flynn Canada

Gardewine

Home Depot

Hudbay

Manitoba Pork

PCL

Sheet Metal Workers International Local 511

Status of Women

United Steel Workers Local 6166

9+1 SKILLS FOR SUCCESS



ADAPTABILITY

We use adaptability to achieve our goals when expected or unexpected change occurs, by planning, staying focused, and overcoming obstacles.

Why this skill is important

Things don't always go according to plan, so it's important for us to be flexible and adaptable to succeed when things change in our lives.



CREATIVITY & INNOVATION

Your ability to imagine, develop, and encourage, ideas in ways that are new.

Why this skill is important

Creativity and innovation skills help you come up with new, unique, or "outside the box" ideas or to approach something differently than in the past, both at school and outside school.



READING

Your ability to find, understand, and use information presented through words, symbols, and images.

Why this skill is important

Reading helps you to understand and interpret the meaning within the text.



DIGITAL

Your ability to use digital technology and tools to find, create and share information and content.

Why this skill is important

Digital technology has changed the way you find and share information, solve problems, and communicate with others.



COLLABORATION

Collaboration allows us to work in a team or group to reach a common goal.

Why this skill is important

Strong collaboration skills help you build and maintain positive relationships with others, in school, at work and in other parts of your life.

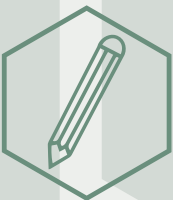


NUMERACY

Your ability to find, understand, use, and report mathematical information presented through words, numbers, symbols, and graphics.

Why this skill is important

Numeracy skills are needed in a wide variety of daily contexts, including managing your finances and making purchases.



WRITING

Your ability to share information using written words, symbols, and images.

Why this skill is important

We write to communicate ideas and information to other people.



PROBLEM SOLVING

Your ability to identify, propose solutions, and make decisions.

Why this skill is important

Strong problem-solving skills will help you gather the right information, identify, and solve problems, and make better decisions.



COMMUNICATION

The act of giving, receiving, and sharing information – in other words, talking or writing, and listening or reading.

Why this skill is important

Strong communication skills help you share information in a way that others can clearly understand.

WHAT IS +1

The +1 represents the Technical Skills necessary for skilled trade and technology careers. Technical Skills relate to expertise someone possesses that assist in the completion of a job or task. In general, these are abilities acquired through practice and learning.

Free
Event!

A Career exploration event like no other!

Teachers bring your
students to the

SKILLS CANADA NATIONAL COMPETITION MAY 25 & 26, 2023



SEE CANADA'S BEST COMPETE TO BECOME THE NATIONAL CHAMPION IN THEIR RESPECTIVE SKILLED TRADE OR TECHNOLOGY AREA AND MORE!

- Learn about skilled trade and technology careers.
- Participate in over 40 Try-A-Trade and Technology activities, including virtual welding, hairdressing, cooking, carpentry, cabinetmaking, and the list goes on!
- Watch over 45 skill competitions! Of those, 25 will compete to represent Team Canada at the WorldSkills Competition in Lyon, France in 2024.
- Learn and improve your Skills For Success.
- Speak to industry professionals, meet the experts, and ask your career questions.

THURSDAY AND FRIDAY, MAY 25 & 26

9 AM – 4 PM @ THE RBC CONVENTION CENTRE, WINNIPEG

A fun and interactive event that your students will be talking about for weeks.

REGISTER HERE! OR ON OUR WEBSITE

<https://www.skillscompetencescanada.com/en/event/skills-canada-national-competition-2023/>



Scan to register

Travel subsidies available.

Doors open to registered student and teacher visitors at 9:00 am.

Questions: schooltours@skillscanada.com

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 @SkillsManitoba

OUR MISSION:

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

OUR VISION:

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



www.skillsmanitoba.ca

Activity Book 2022-2023