

# SKILLED TRADES & TECHNOLOGIES

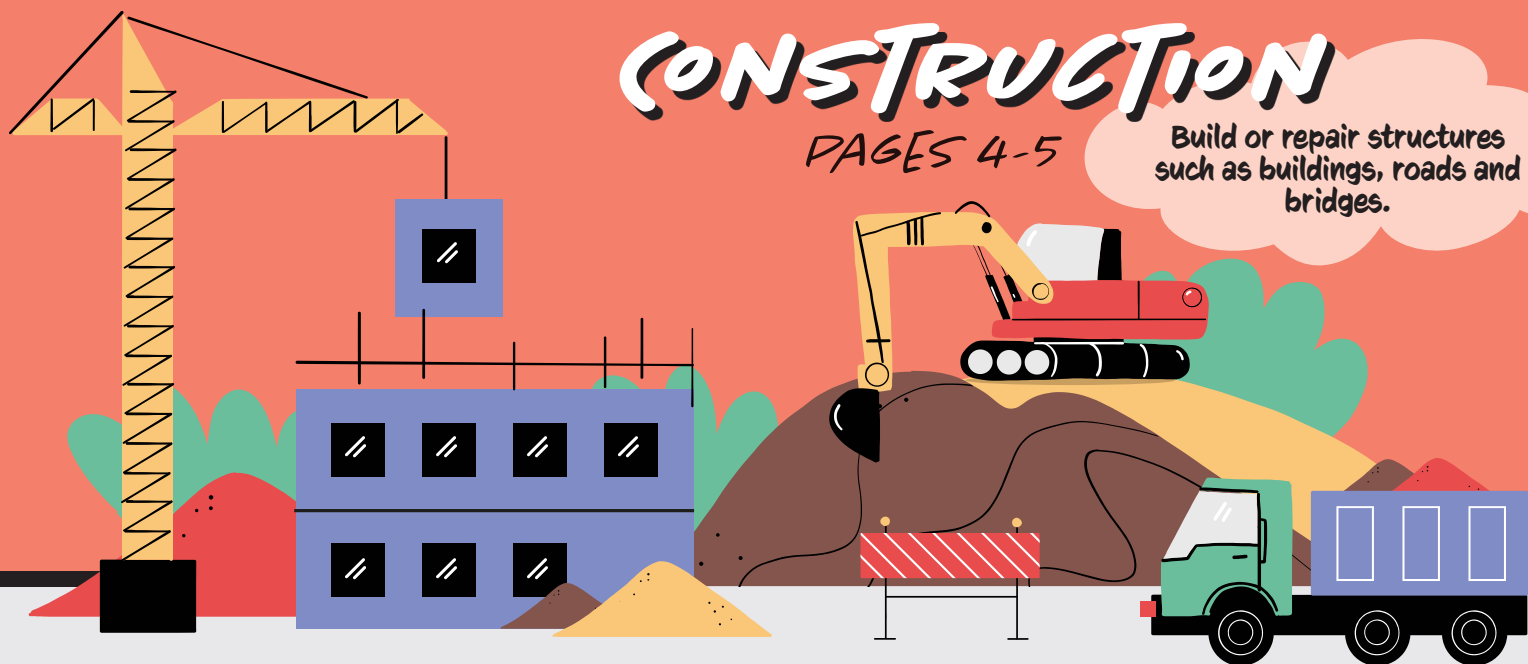


# SKILLED TRADES & TECHNOLOGIES

## CONSTRUCTION

PAGES 4-5

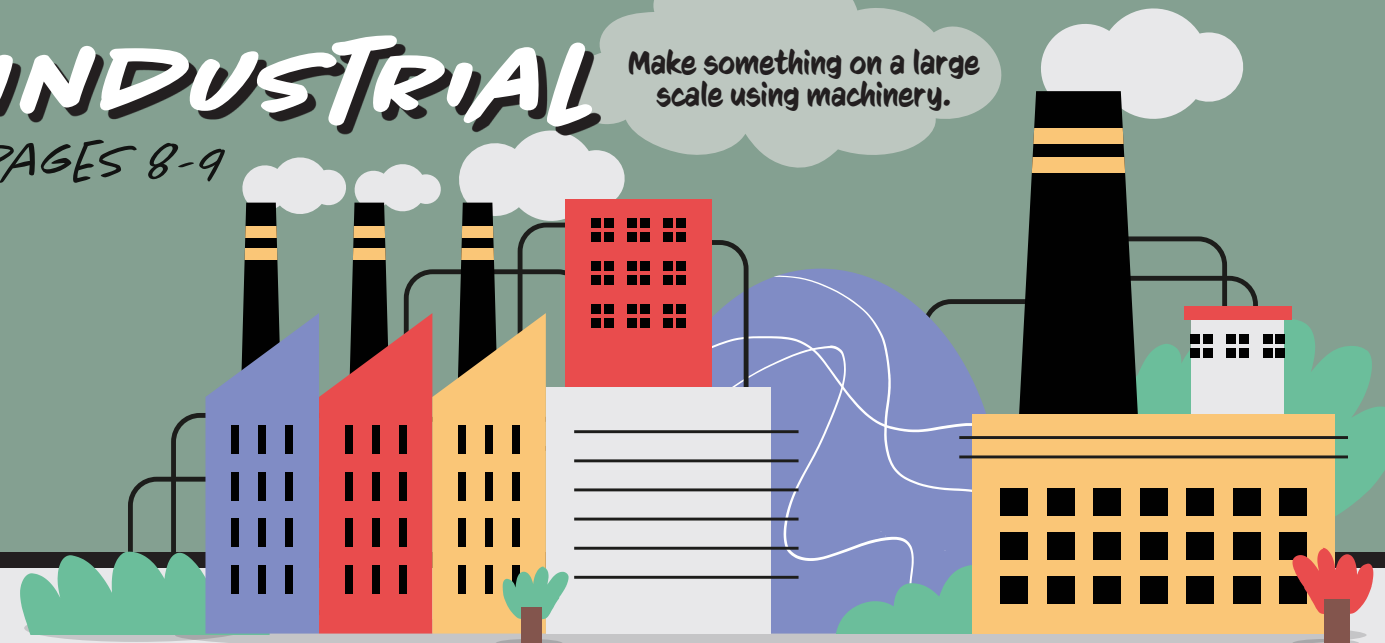
Build or repair structures  
such as buildings, roads and  
bridges.



## INDUSTRIAL

PAGES 8-9

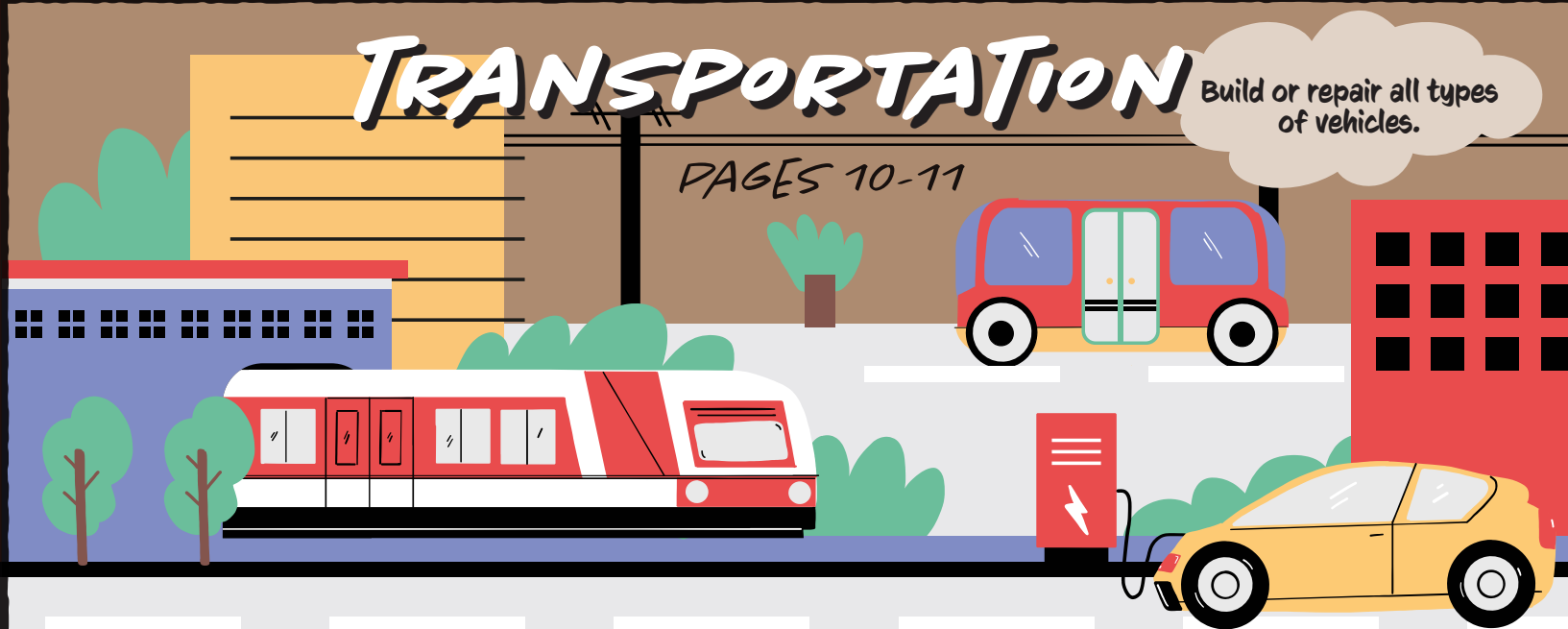
Make something on a large  
scale using machinery.



## TRANSPORTATION

PAGES 10-11

Build or repair all types  
of vehicles.



## SERVICE

Provide a helpful activity.

RESTAURANT

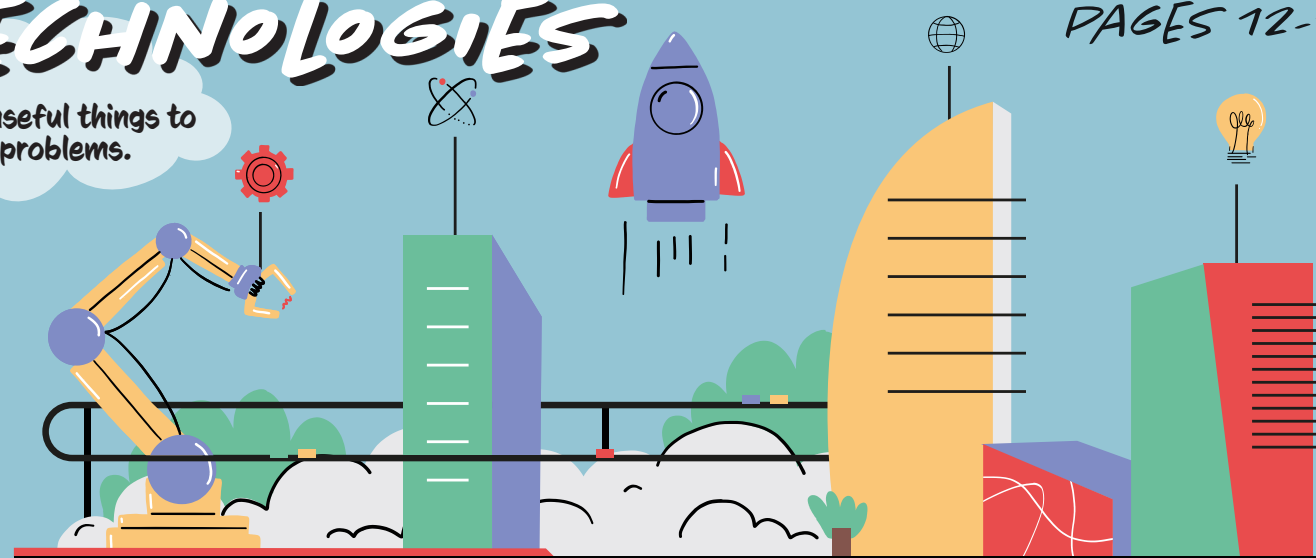
PAGES 6-7



## TECHNOLOGIES

To invent useful things to  
solve problems.

PAGES 12-13



# CONSTRUCTION

## 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.



## CIPHER



JUST A FEW OF THE MANY JOBS IN CONSTRUCTION!

EULFNODBHU

URRIHU

LURQZRUNHU

JDVILQQHU

FDELQHWPDNHU

ODWKHU

LQVXODWRU

JODCLHU

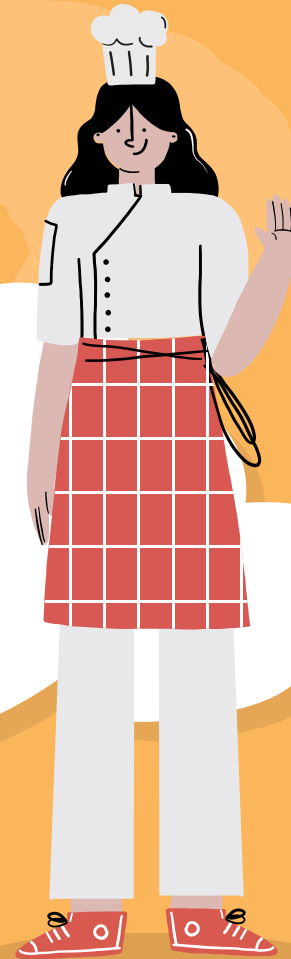
ERLOHUPDNHU

SDLQWHU

# SERVICE

## COOK

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



## HAIRSTYLIST

Cuts, colours, shampoos, rinses and styles hair.

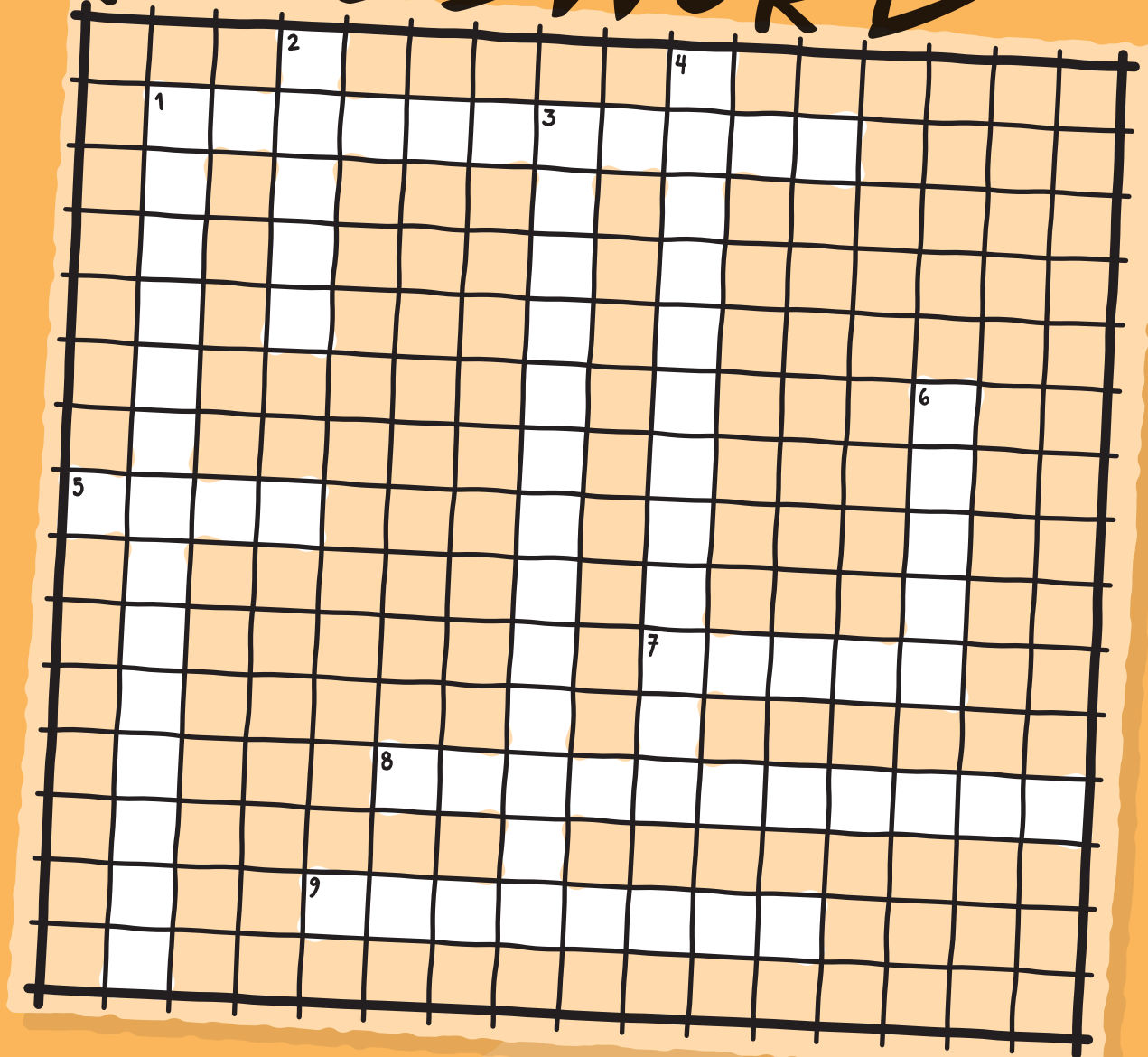


## PARTSPERSON

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



# CROSSWORD



### ACROSS

1. Sorts, stores and issues supplies
5. Prepares a dish or meal by combining ingredients
7. A protective garment worn over the front of one's clothing
8. Cuts and styles people's hair professionally
9. A person that buys goods from a store

### DOWN

1. Handle and care for pigs
2. Lace or weave hair together
3. Removes body hair by using an electric current
4. Specializes in nail and skin care
6. An establishment where a hairdresser or beautician conducts business

WORD BANK: esthetician, barber, french, chef, shop, parts person, cook, shopper, studio, smock, braid, hairstylist, electrologist, laser removal tech, nail and skin tech, salon, pork production, waxing, auto technician, apron, customer, agriculturist, grocery clerk, farmer



# INDUSTRIAL

## WELDER

Shape metal or join metal pieces together.



## POWER ELECTRICIAN

Install, maintain and repair power generators, converters and transformers.



## MACHINIST

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



# LOGIC PUZZLE

$$\text{Welder} + \text{Hard Hat} \times \text{Machinist} = 70$$

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

$$\text{Welder} \div \text{Hard Hat} = 8$$

$$\text{Welder} = \text{?}$$

$$\text{Machinist} = \text{?}$$

$$\text{Hard Hat} = \text{?}$$

# TRANSPORTATION

## DIESEL ENGINE MECHANIC

Repairs and maintains diesel engines.



## AUTOMOTIVE PAINTER

Repair and restore the exterior finish of motor vehicles.

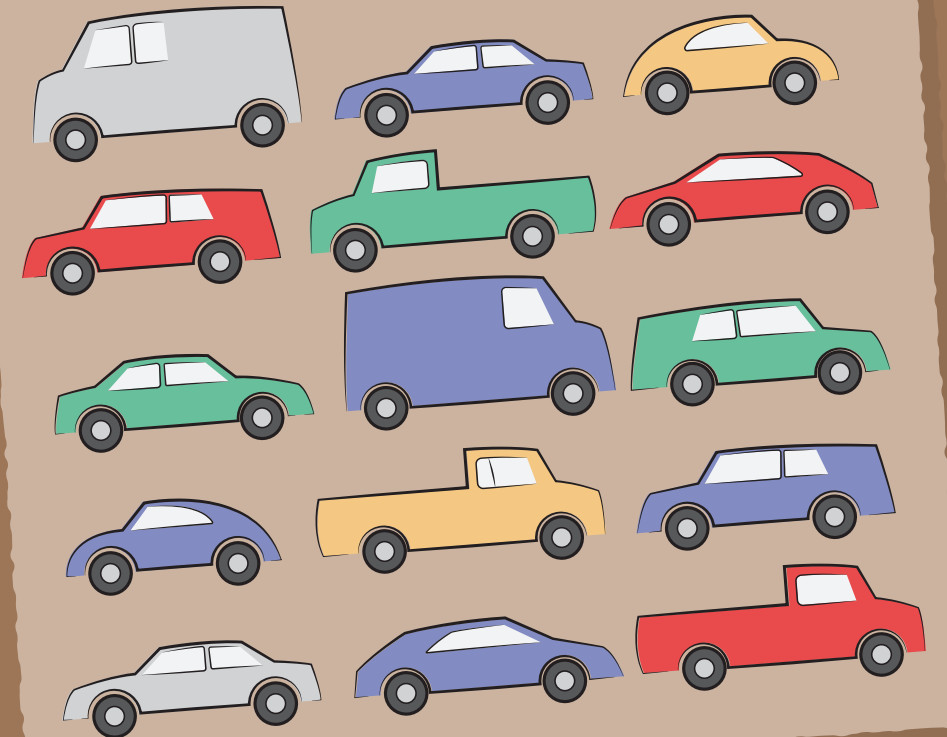
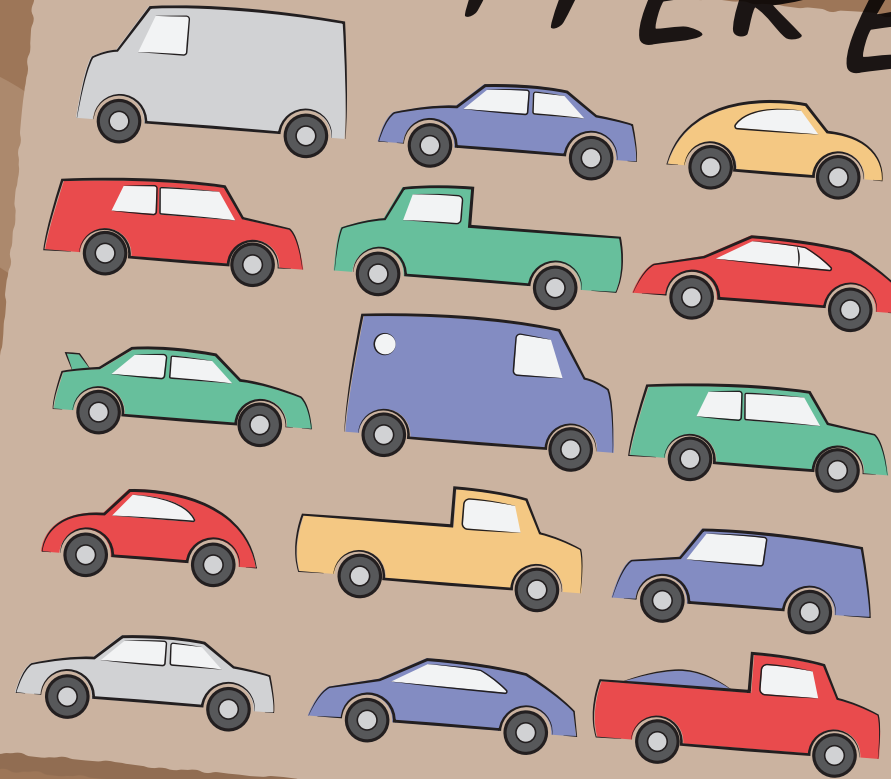


## AUTOMOTIVE SERVICE TECHNICIAN

Diagnose and repair cars, vans, trucks, and transformers.



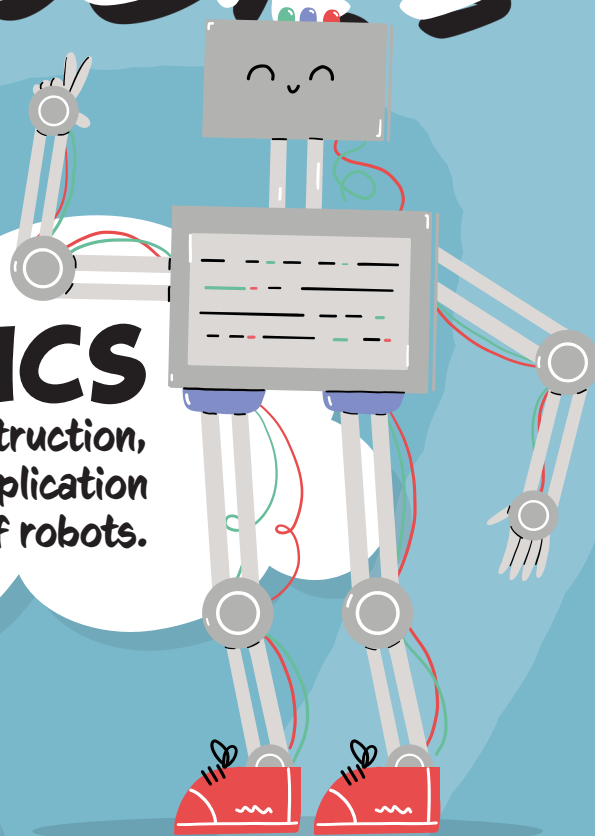
## SPOT THE 10 DIFFERENCES



# TECHNOLOGIES

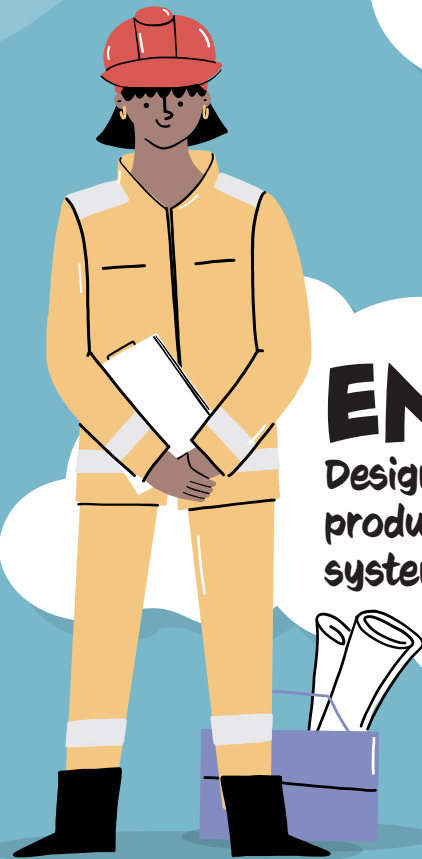
## ROBOTICS

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



## ENGINEER

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



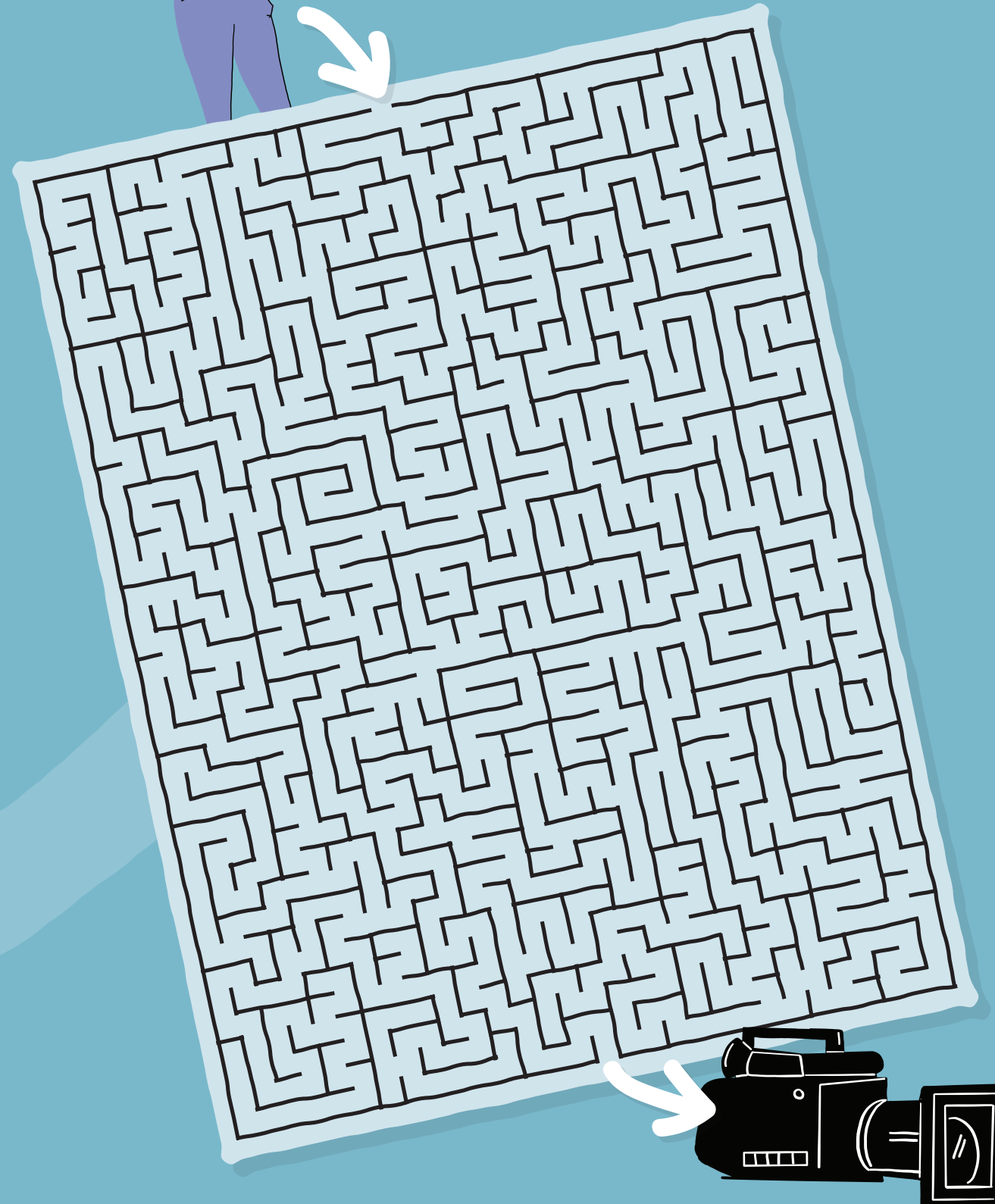
## TV/VIDEO PRODUCTION

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



# MAZE

HELP THE VIDEOGRAPHER FIND THE CAMERA





# 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.

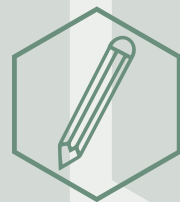


## NUMERACY

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.

# PARTNERSHIPS & SPONSORS

## Funding Partners



## Principal Partner



## Educational Partners



## Platinum Partners



## Gold Partners



## Silver Partners



## Bronze Partners



## Contributing Partners

Boyd Autobody & Glass	Community Futures Winnipeg River	Home Depot	Sheet Metal Workers International Local 511
Bunge	Electrical Association of Manitoba	Hudbay	Status of Women
CHASE Auto Body Supplies	Flynn Canada	Manitoba Pork	United Steel Workers Local 6166
Community Futures Parkland	Gardewine	PCL	



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## 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](http://www.skillsmanitoba.ca)

Activity Book 2021-2022