

MANUFACTURING ACTIVITY BOOK

Batesville Products, Inc.



With coloring pages
from the children's
book Foundry Friends
Make a Casting!

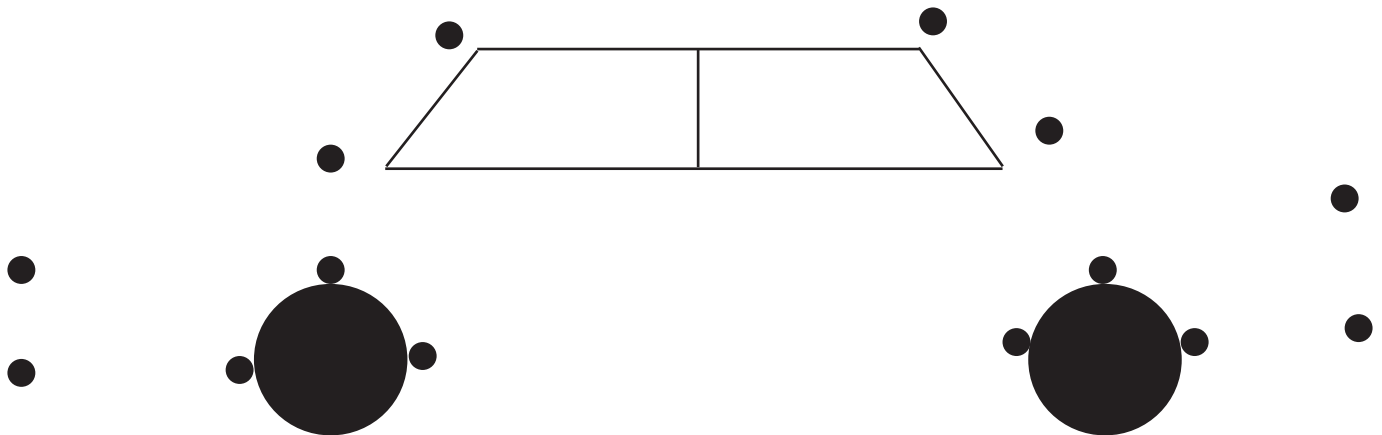
bpi
batesville products, inc.

ENGINEERING



FINISH THE BLUEPRINT

Oh no! The engineer lost the blueprint for making a new toy! Can you help him draw the toy, so that he can build a mold? Connect the dots to finish the blueprint!



color me! →

What's a blueprint?

A blueprint is a detailed drawing that plans how an object will be made. Blueprints have lots of measurements!



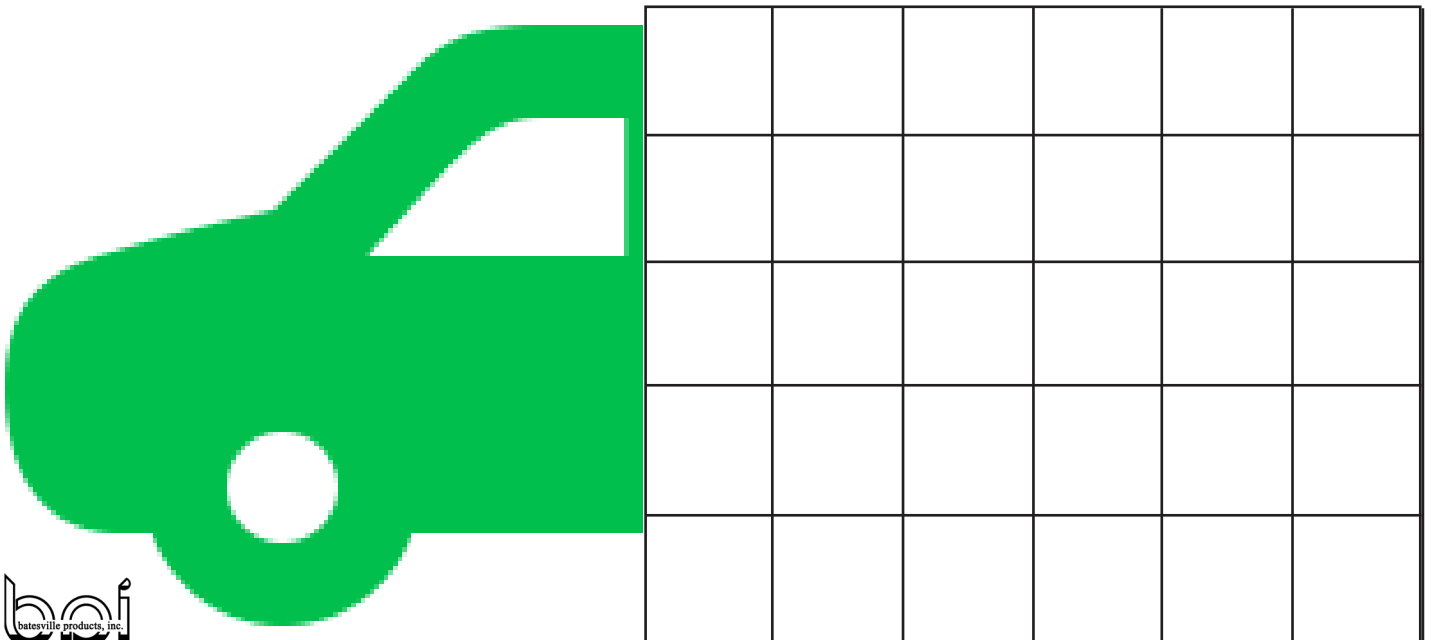
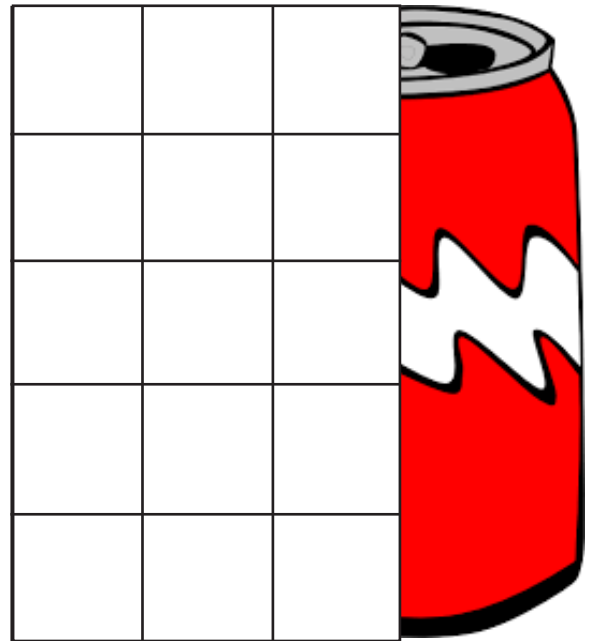
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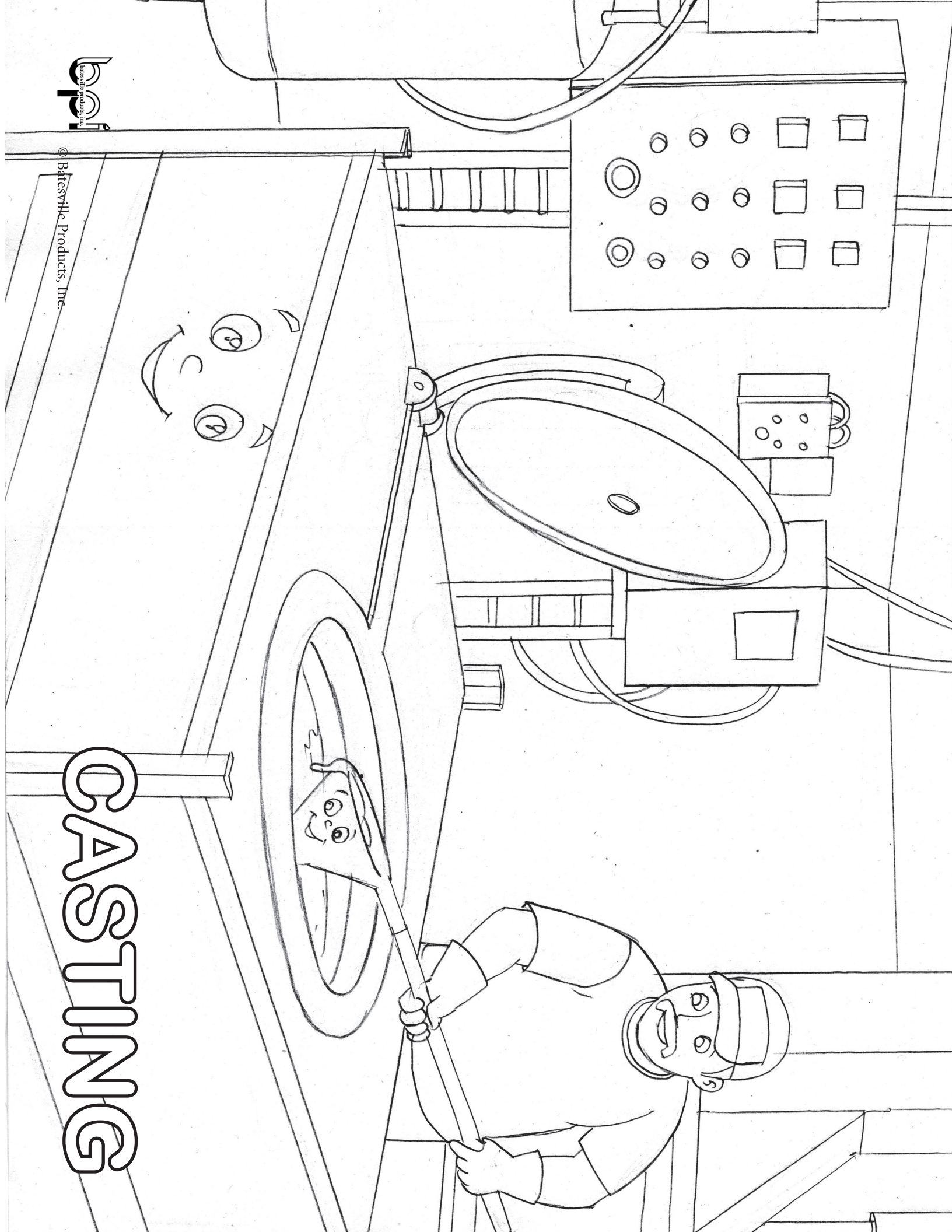
FINISH THE BLUEPRINT

Oh no! The engineer's blueprints were ripped in half! Use your drawing skills to finish the blueprints.

What's a blueprint?

A blueprint is a detailed drawing that plans how an object will be made. Blueprints have lots of measurements!





CASTING



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WORD SEARCH

Level 1

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

Find the following words in the puzzle.

Words are hidden → and ↓ .

ALUMINUM

BPI

CASTING

ENGINEER

FOUNDRY

FURNACE

INSPECTION

MACHINING

METAL

PERMANENT

POLISHING



WORD SEARCH

Level 2

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

Find the following words in the puzzle.

Words are hidden → ↓ and ↘ .

ALUMINUM

BPI

CASTING

ENGINEER

FOUNDRY

FURNACE

INSPECTION

MACHINING

METAL

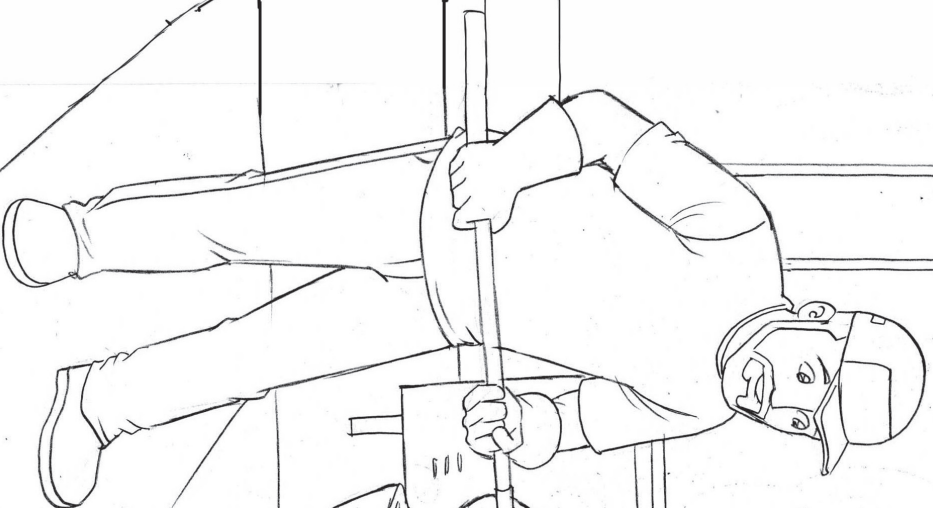
MOLD

PERMANENT

POLISHING



CASTING



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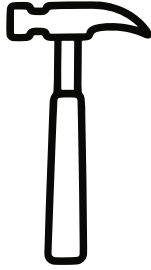
SPOT THE DIFFERENCE

1 of these 4 pictures is not like the others.
Which one is different?



ODD-ONE-OUT

Which of these is not like the rest?



hammer



wrench



calipers



ball



safety
glasses



winter
hat



protective
gloves



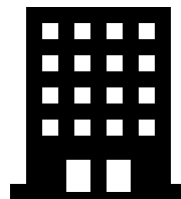
steel-toed
boots



forklift
truck



delivery
truck



building

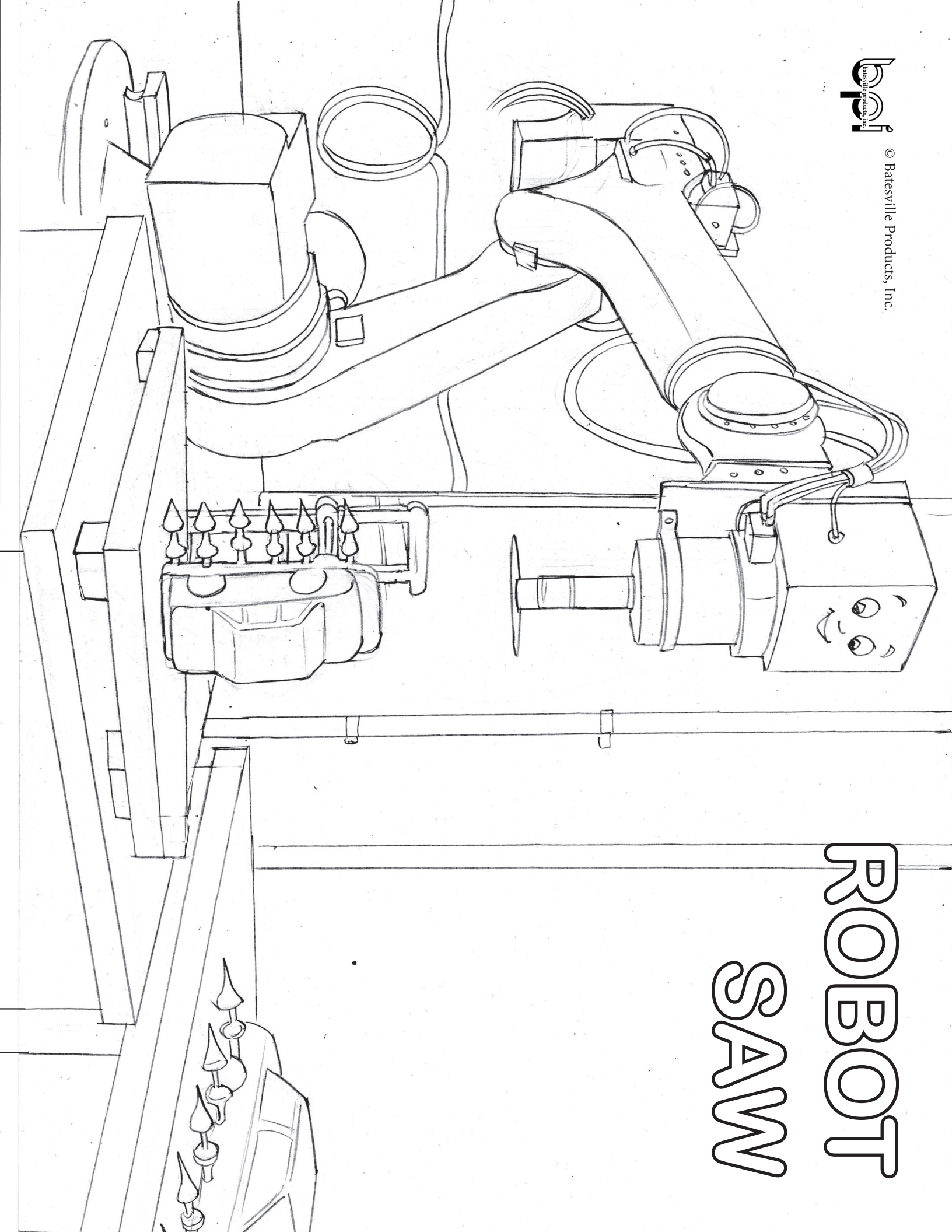


pallet
jack



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ROBOT SAW



MAD LIB

First, fill in the blanks, then read your story!

1. _____
adjective

2. _____
name

3. _____
mode of transportation

4. _____
past tense verb (ending in "ed")

5. _____
number

6. _____
adjective

7. _____
number

8. _____
emotion

9. _____
color

10. _____
food

.....

A Tuesday at Batesville Products (BPI)

On a warm and ____1____ Tuesday, ____2____ the engineer woke up late for work. He/She drove their ____3____ as fast as he/she could and ____4____ into BPI ____5____ hours late! When ____2____ got to work, no one else was there! So, he/she had to cast, machine, and polish ____6____ castings all by themselves! After manufacturing ____7____ castings, he/she was very ____8____. It was finally time for lunch! ____2____ took a big bite of ____9____ ____10____, his/her favorite food! *RING! RING!* Suddenly, ____2____ woke up - It was only a dream!



WORD SCRAMBLE

Unscramble the letters to make a word!

LETTERS

WORD

SHOILP

— — — — —

FUNAMGCATNUIR

— — — — —

REINGEEN

— — — — —

BROOT

— — — — —

GANTICS

— — — — —

MAINULUM

— — — — —

HAMNICE

— — — — —

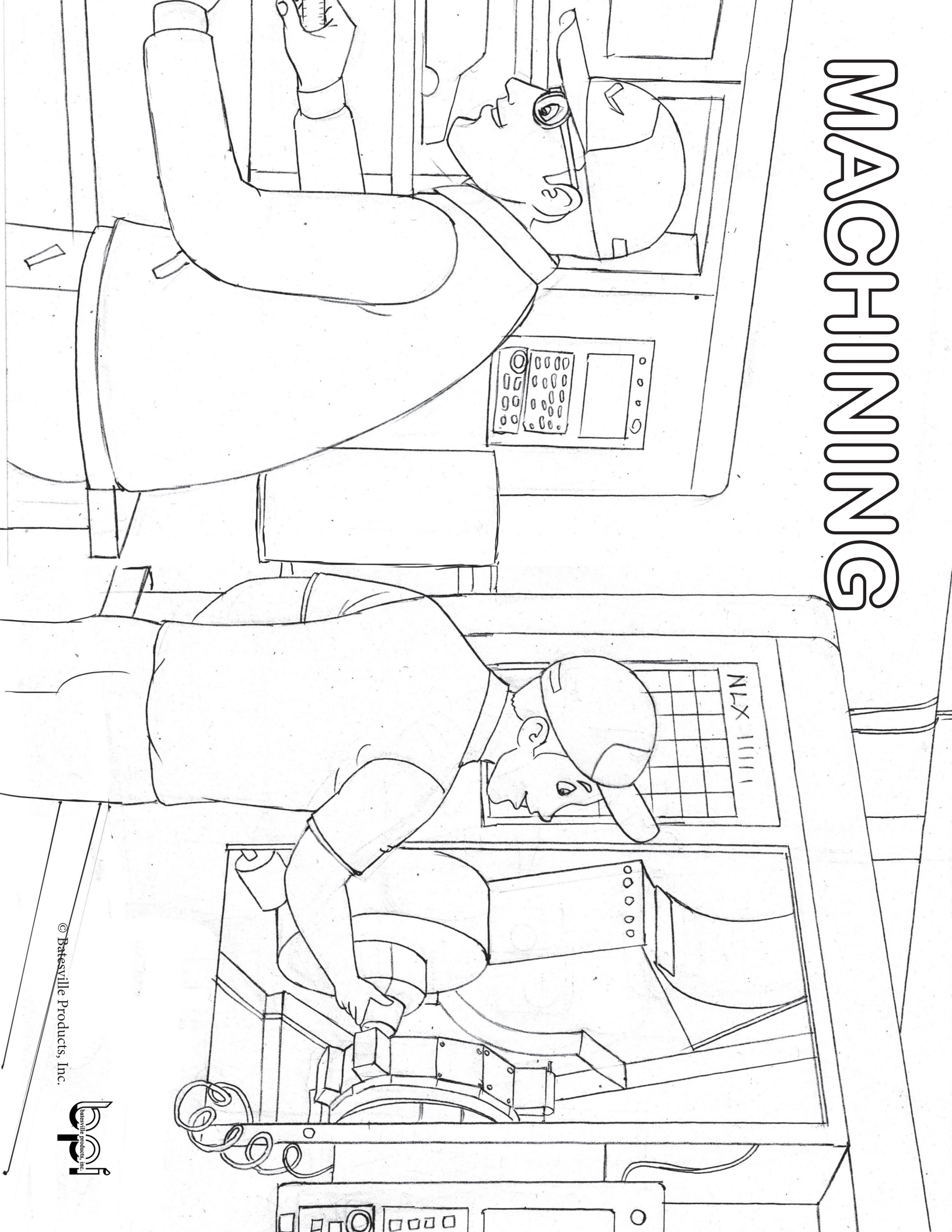
SPICENT

— — — — —

ANSWERS: POLISH, MANUFACTURING, ENGINEER,
ROBOT, CASTING, ALUMINUM, MACHINE, INSPECT



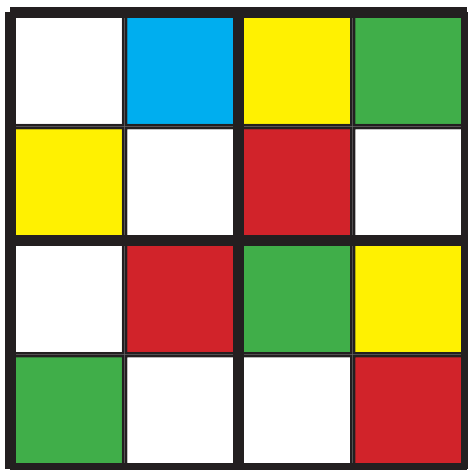
MACHINING



COLOR SUDOKU

Color the squares so that each column, row, and corner box contains one red, one yellow, one green, and one blue square.

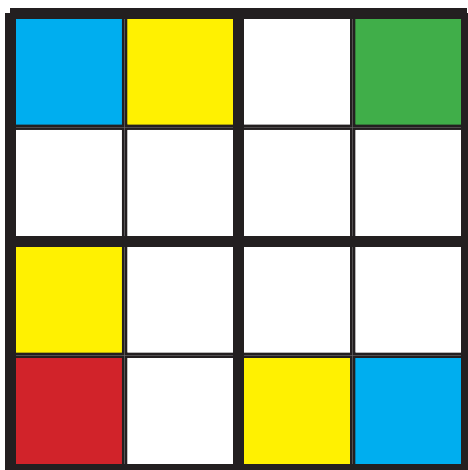
PUZZLE 1



ANSWERS

R	B	Y	G
Y	G	R	B
B	R	G	Y
G	Y	B	R

PUZZLE 2



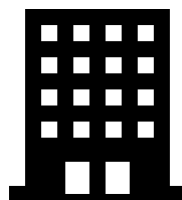
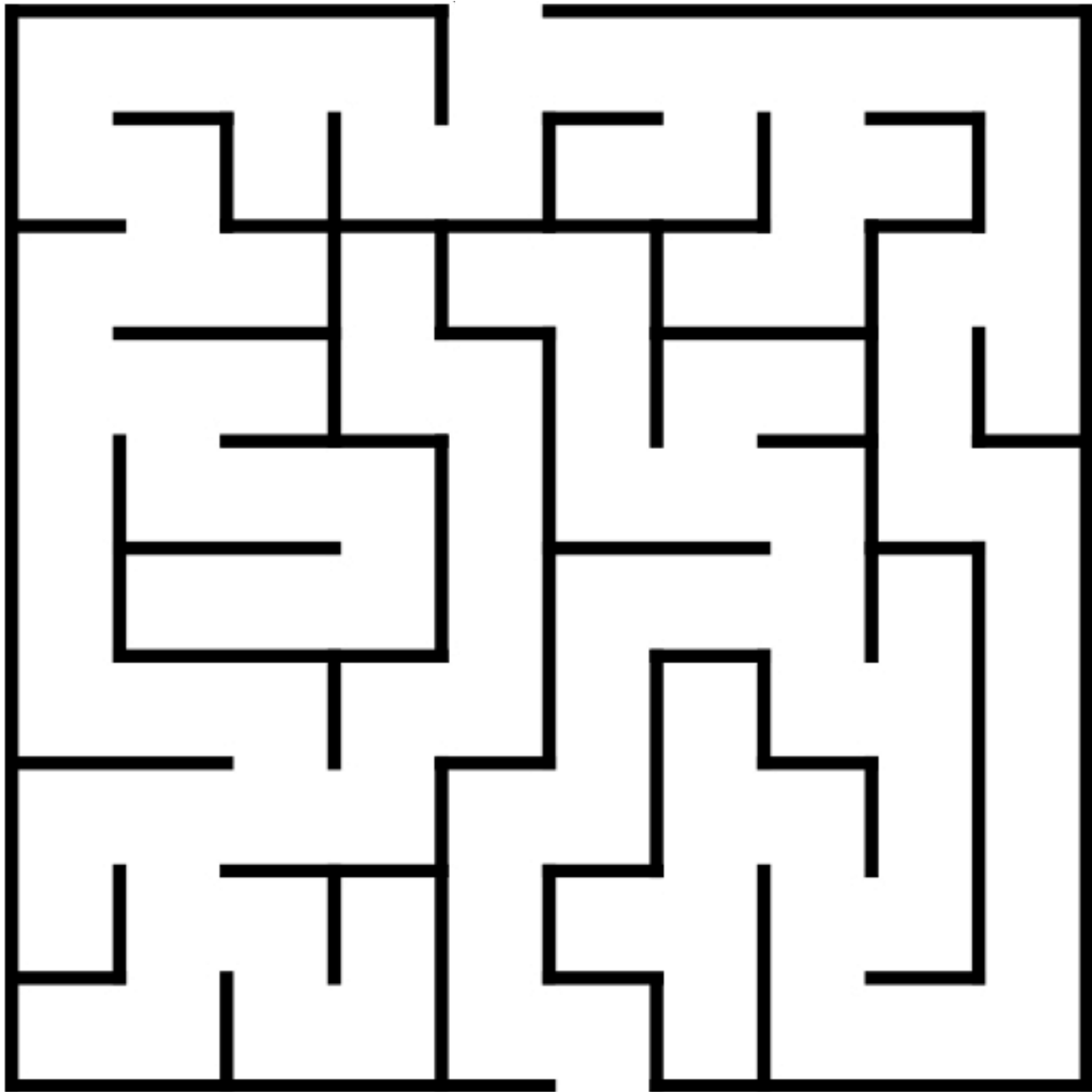
ANSWERS

B	Y	R	G
G	R	B	Y
Y	B	G	R
R	G	Y	B

MAZE

Level 1

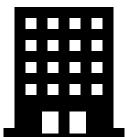
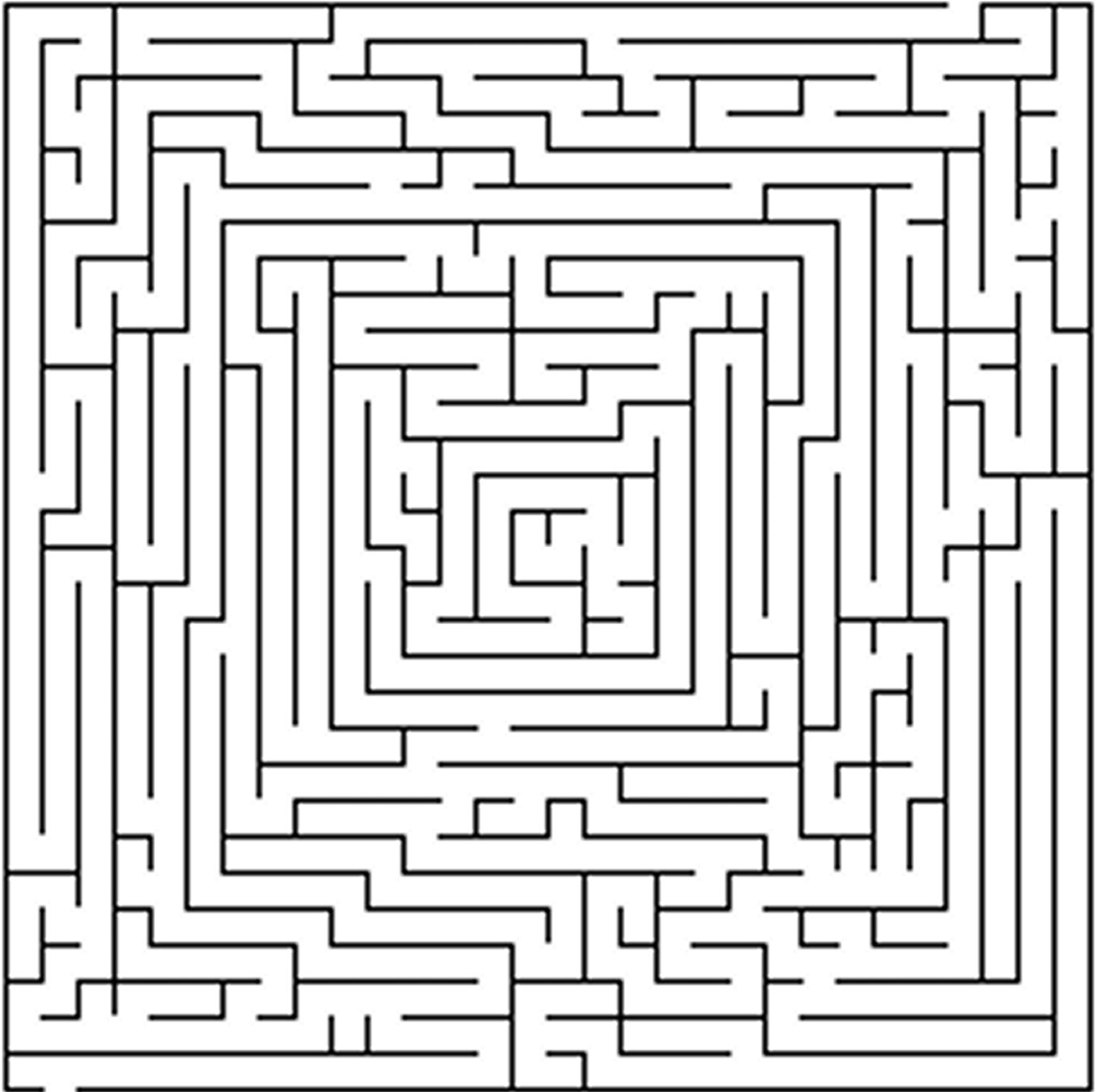
Help the truck deliver the castings!



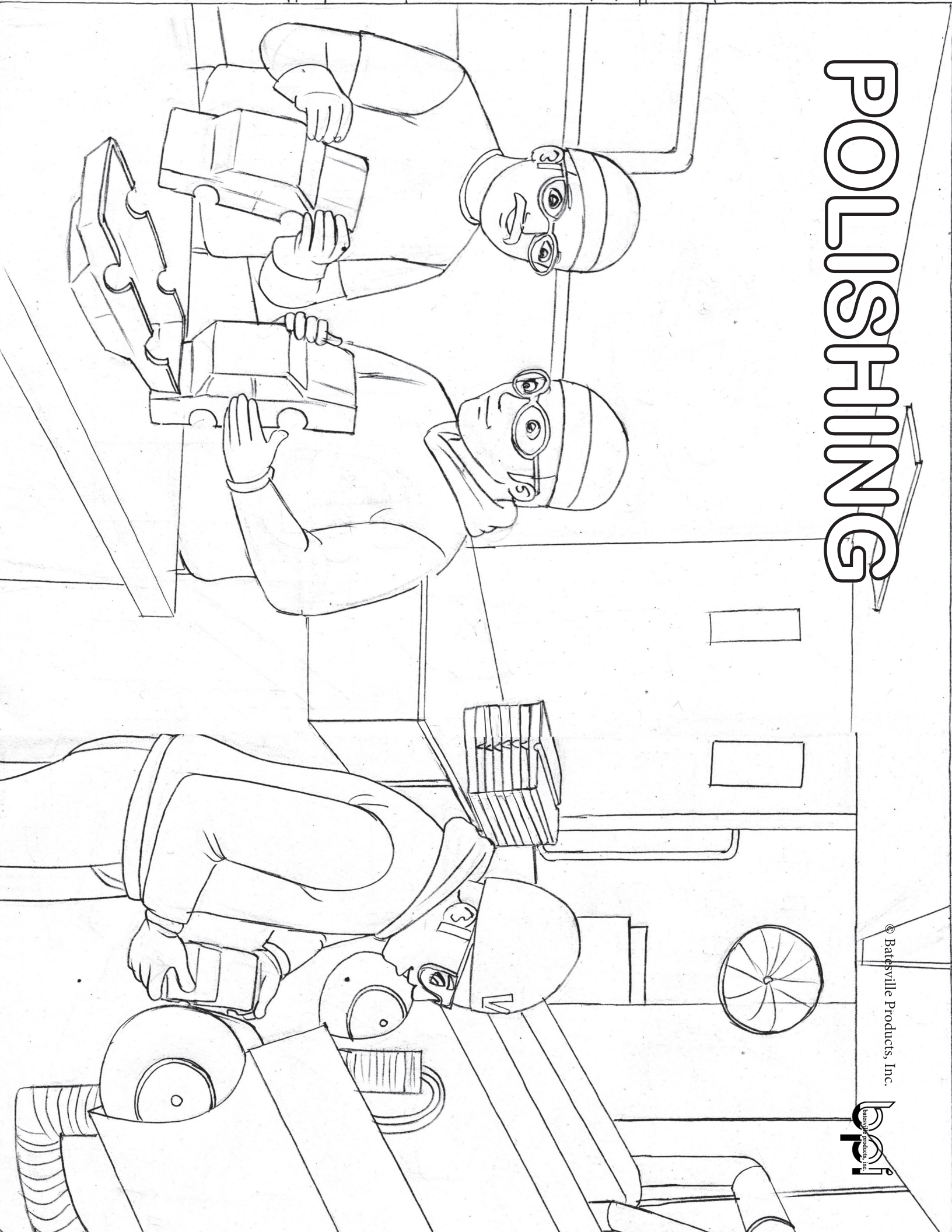
MAZE

Level 2

Help the truck deliver the castings!



POLISHING



MATCHING

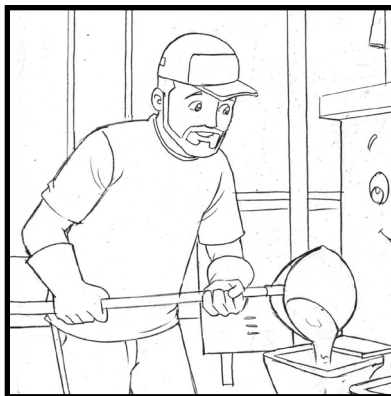
Use the coloring pages in this book
to match each person to thier job!



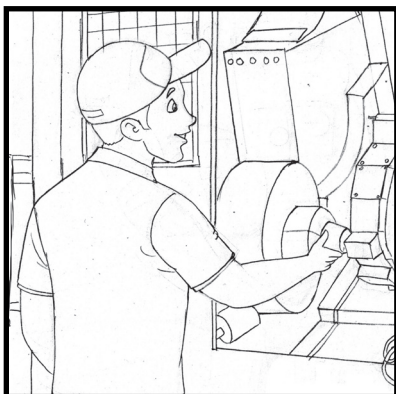
ENGINEER



CASTER



MACHINIST

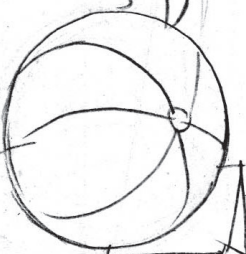
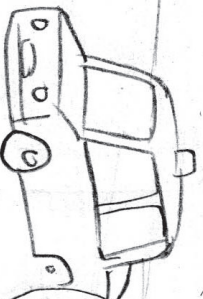
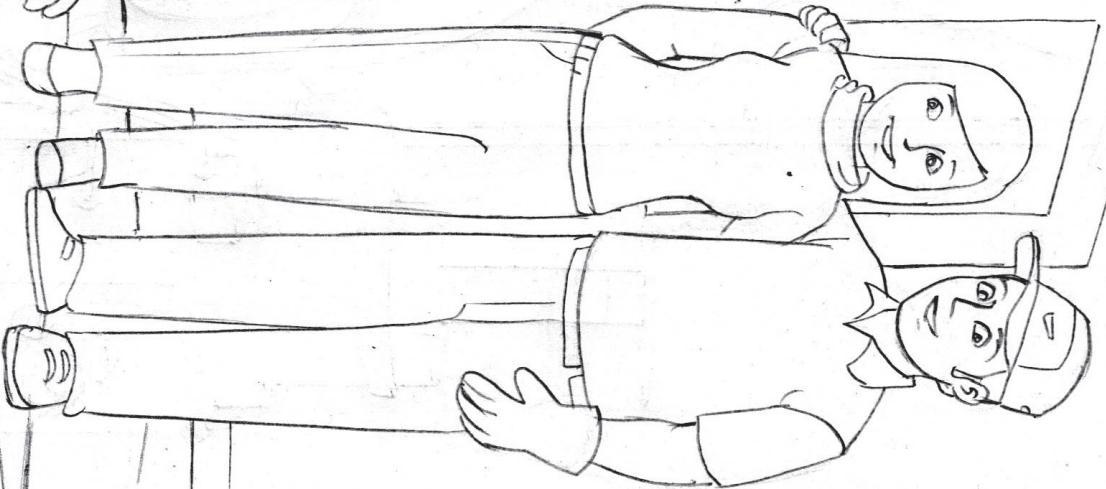
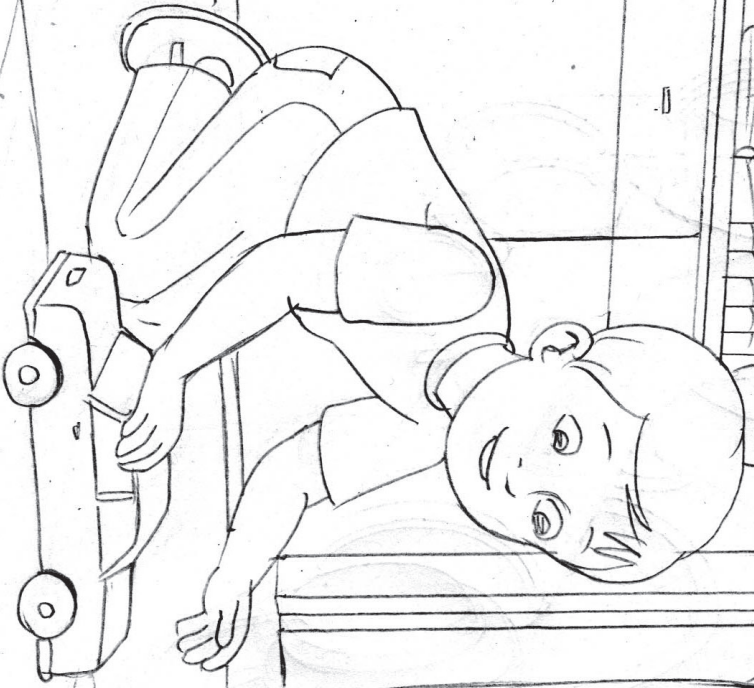
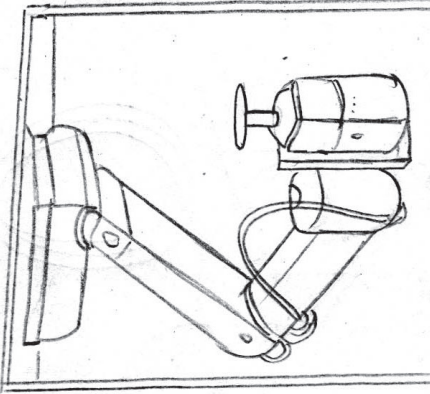


POLISHER



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Robot Saw



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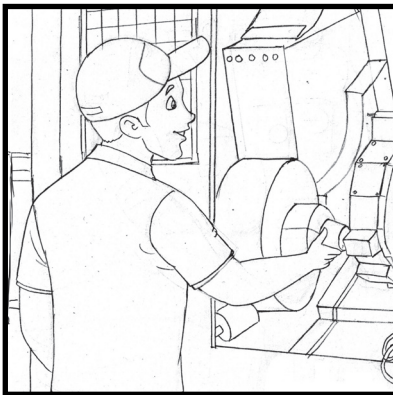
WHEN I GROW
UP, I WANT TO
BE A...



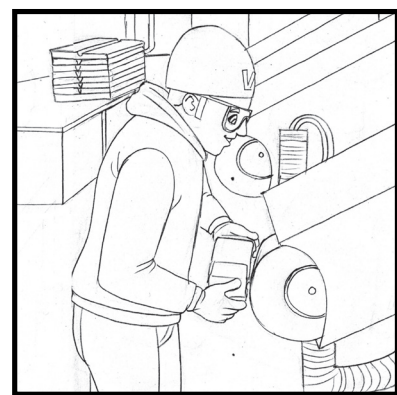
ENGINEER



CASTER



MACHINIST



POLISHER

Circle your favorite job!



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EXPLORE MANUFACTURING!

COLLECT
THEM ALL!



Story book, magnet, stickers, experiments, activities, and coloring pages!



Watch videos and learn more about
American manufacturing on the
Batesville Products website!

