

Manufacturing Pathways and Stop and Jot

NAME _____ DATE _____ PERIOD _____

The Hats & Ladders app sorts Manufacturing careers into six pathways, with one example career printed for each. As you explore the app, add one more career you find to the last column.

PATHWAY	WHAT PEOPLE DO IN IT	EXAMPLE CAREER	A CAREER I FOUND
1. Robotics and Automation Technology	Build, fix, and run robots and machines.	Automation Specialist	
2. Industrial Maintenance	Fix and take care of machines in factories and buildings, using welding, plumbing, and electrical skills.	Mechatronics Technician	
3. Manufacturing Technology	Use machines and plastic to make parts, and fix the equipment that makes them.	Assembler and Fabricator	
4. Electronics Technology	Learn how electricity works and fix electrical systems, circuits, and wiring.	Electrical and Electronics Repairer	
5. Welding	Join metal and plastic parts together using heat.	Welder	
6. Advanced Manufacturing and Industrial Technology	Work with high-tech equipment like CNC machines, robots, and computers to shape metal.	CNC Machinist	

Stop and Jot

Stop 1 (during the cluster tour video). One new career I learned about is

Stop 2 (during the cluster tour video). One question I still have about manufacturing is

After the video. The pathway I am most interested in is _____ because
