ELEMENTAL DEDUCTION

METALS IN A SMARTPHONE

Use the Periodic Table of Elements to find the elements that are used to make smartphones.

More than 40 mined metals and rare earths are used to produce a single smartphone.

ELECTRONICS

79	29	47
73	28	31

BATTERY

3	13
27	28

SOUND

60	64	28
59	65	66

TOUCH SCREEN

49

Mining is essential for innovative tech. Canada's mining industry is providing the responsibly-sourced minerals and metals that power the technologies of today and of the future.

Resource Credit: Mining Association of Canada

MiningNeedsYou.ca

Scan the QR codes for an immersive career quiz that matches your interests and skills with mining opportunities. Dive into the Interactive World of Mining Careers, where you'll explore diverse work settings, delve into career profiles, and uncover more at MiningNeedsYou.ca.

Career Quiz

Interactive World of Mining Careers

Resource Credit: Mining Industry Human Resources Council

Career Exploration

Whether you're skilled in trades, engineering, geoscience, computing, robotics, environmental studies, social work, or other areas, there's a career for you in mining. Visit MiningNeedsYou.ca to discover the possibilities.

Name two careers that catch your interest. What skills or qualifications do you believe are essential for these roles?

MINING MATTERS ACTIVITY SHEET

Symbol Sudkoku

Fill in the grid so that every row, every column and every 3 x 3 box contains each of the nine symbols below ONLY ONCE.

SYMBOLS

Ore Cart

Hard Hat

Magnifying Glass

Safety Boot

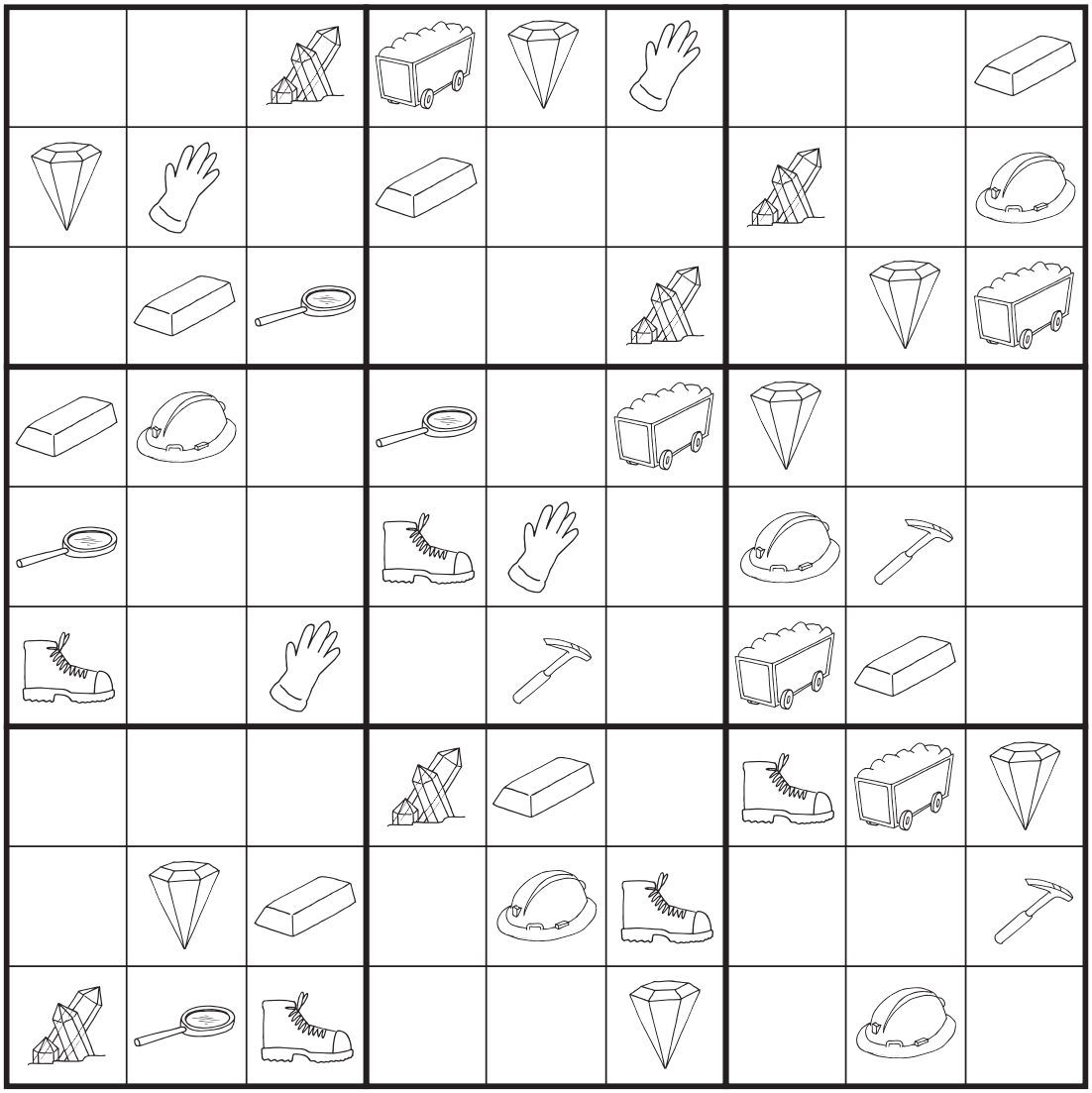
Rock Hammer

Diamond

Quartz

Gold Bar

Safety Gloves



Mine Evolution Game

A fun and interactive game designed by Science North and the Canadian Institute of Mining for anyone who has ever been curious about the modern mining industry.

Visit **MineEvolution.ca** to start building Canada's green future!

Mining Matters Virtual Escape Room

You find yourself in the mine's refuge station and need to complete a series of tasks to gain passwords, retrieve clues, interact with your surroundings and gather information needed to collect all your PPE to reclaim the mine and escape the dragon. Scan the QR code to escape the Refuge Station!

In partnership with:

PDAC PROSPECTORS & DEVELOPERS ASSOCIATION OF CANADA