



# Who am I?

**Essential Question:** What are key aspects of careers in the natural resource industry?

**Time:** 2 hours (includes: research, presentations and game.)

**Overview:** Students will research and present careers and then play a game to help them identify different aspects of each career.

**Assessment:** Students can identify key aspects of careers in the resource industry.

## TEACHER INFORMATION AND PROCEDURE

**Prior Knowledge for students:** None

**Source:** ARE

**Materials Needed:** Tape, paper and markers.

**What to do in Advance:** Make a copy of the career worksheet for each student. Write each job title on a piece of paper. Assign each student a career.

## TEACHING THE LESSON

**Gear-up:** Play a round of the “Who am I?” game with something that will be well known by most students in the room. This could be famous people, types of candy or something regionally specific, like types of local animals. Write each of the names from the chosen category on their own piece of paper. Tape one to the back of each student, without them seeing it. Then have them walk around the room asking only “YES” or “NO” questions in attempt to figure out “Who am I.” The goal is to try and figure out who you are the fastest.

**Explore:** Explain that you are going to play the same game, but with careers associated with the natural resource industry. Each student will research a career and report back to the class. The other students will then record the information their classmates found about each career so that they can have the information needed to play the game. Assign each student a career to research and present. Allow students time to research or give it as homework. Then have each student present what they learned while the other students take notes on the “Who am I” game board.

Once all students have presented, give students time to study and look over the game board. Then play the game again, with each student getting a random career title on their back. Again, they can only use questions that can be answered with a “YES” or “NO.” Assign points to make it more competitive. If you have 25 students, the first to correctly identify their career to you will get 25 points, then the next 24, then 23 etc. all the way to the last person with only 1 point.

**Generalize:** What do all the jobs have in common? What are some of the biggest differences between the jobs?

**Assess:** Can students list the main components of a variety of jobs in the natural resource industry? Can they ask focused questions about career descriptions and requirements?

Have the students write down three good questions they could ask to learn more about a career.

-Does it require a degree?

-What is the basic job description?

-Are there any special skills I would need to do this job?

**Extensions, Adaptations and More Resources:** Have students create a presentation board with additional information about a specific career in the resource industry.

# Who am I? Energy Board Game

	<b>Basic Job Description</b>	<b>Degree Required?</b>	<b>Special Skills Needed?</b>	<b>Defining Characteristic of this Job</b>
Truck Driver				
Crane Operator				
Derrickman				
Drill Site Manager				
Environmental Coordinator				
Facility Operator				
Geoscientist				
Integrity Engineer				
Lands and External Affairs Manager				
Marine Biologist				
Operations Team Lead				
Petroleum Engineer				
Physician's Assistant				
Planning Engineer				
Regulatory Specialist				
Risk Manager				
Wind Specialist				

# Who am I? Mineral Board Game

	<b>Basic Job Description</b>	<b>Degree Required?</b>	<b>Special Skills Needed?</b>	<b>Defining Characteristic of this Job</b>
Accountant				
Community Relations				
Diesel Mechanic				
Driller Blaster				
Electrician				
Environmental Specialist Technician				
Geologist				
Health and Safety Coordinator				
Lab Technician				
Mill Operator				
Millwright				
Mining Engineer				
Powerhouse Operator				
Senior Metallurgist				
Truck Driver				
Underground Miner				
Water/Wastewater Operator				
Welder				