

Name:

Partner's Name:

Mystery Mineral Observation Sheet

Today, you are a geologist, a mineral detective. Your goal is to find the other person in the room, with a mineral that has the same physical properties as yours. To do this, answer the questions written below, using the tools that your instructors has given you.

What color is your mineral?

Is it magnetic? Test your mineral using disc magnet from your supplies. Does the magnet stick to the rock?

Does it have a smell? If it does, what does it smell like to you?

What do the edges of your mineral look like? Are they geometric? Or more random? (Draw a sketch to help.)

Is your mineral very heavy feeling in your hand even though it might be small in size? Compare it to other minerals.

How hard is your mineral sample? (Use mineral hardness sample sheet.)

Once you have found your mineral partner, find the Mystery Mineral Answer Key Sheets, to try to guess the mineral you have been given.

What is the name of your mineral? _____