

INTRODUCTION TO METEORITES

Handout



Activity 1: Describing samples

Go to each station, look at each sample, and write down your observations in the table below.

Station number	Colour(s)	Grains or crystals?	Does it contain metal?	Does the inside look different than the outside?	If yes, how?	Unusually heavy, unusually light, or just right?	Any other features?
1							
2							
3							
4							
5							
6							
7							

Activity 2: Meteorite or Meteo-wrong?

Using your observations above, answer the following questions about each rock, with **Yes**, **No**, or **Maybe**. You can go back to the rock stations if you need to.

Tip: Remember that you don't need each answer to be Yes for something to be a meteorite, but the more positive answers, the more confident you can be that you found a meteorite!

Station number	Is it unusually heavy?	Does it have a dark outside crust?	Does the outside have an irregular shape, with fingerprint-sized pits?	Does it contain metal?	Meteorite or meteo-wrong?
1					
2					
3					
4					
5					
6					
7					