

Name: _____ Date: _____

 **Detective question:** If ash can't come from nothing, where could it be hiding?

 **Predict, test, explain.** Guess first, then try it!

	Test	My guess	What happened	Was I right?
1	I show the back of my hand and talk: does the “ash” appear?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
2	My friend checks both sides, fingers spread: does it appear?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
3	My friend watches my hands, not my face: did they spot the pellet?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No

 **Explain:** Where was the “ash” really hiding? How did talking help the trick?

 **Look closely:** Why does checking the hands with the fingers spread make the trick fail?

 **Think like a scientist:** A hand can **look** empty without **being** empty. Can you think of another time when something looked one way but was really different?
