

Name _____ date _____ per _____

WHAT'S IN THE BOX???

Think carefully. Your goal should be to write thoughtful answers, not to simply "get it done". Remember...this is a learning experience.

What are your observations of the box and/or what is inside?

How did you make your observations? Think about it!

What other methods of observation that are not available right now could you have used? (i.e. technology, etc?)

Why is making observations so important?



Inside the sealed boxes are several items. Your task is to figure out what those items are. You have a bag of possible items, and an empty box.

Strategy: Before you begin discuss the strategy you will use to figure out what is in the box. Write your planned experiment below.

Now, perform your experiment. With your partners write down the steps that take you to your conclusion.

Remember: What would a scientist do? Write down everything you are doing! Yes, even if follow your plan exactly.

Conclusion: What items do you think are in the box?

When you are making observations, what are you doing?

Summarize the methods you used to solve the problem into simple steps. You may not use all of the numbers.

1.
2.
3.
4.
5.
6.
7.
8.