What’s in Your Mystery Bag? 

|  |  |  |
| --- | --- | --- |
| What could the object be? (*Hypothesis*) Which of your observations that  | Which of your observations that make you think this? (*Explanation*  | Did any of your observations conflict? (*Evaluation*)  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |



Mystery Bag
Einstein once said that he believed imagination was more important than knowledge because innovations and inventions come from our imaginations. How do you prove something exists that you can’t even see? How did Democritus explain the existence of the atom in 450 BC when microscopes didn’t even exist?

How will YOU figure out what’s in the Mystery Bag when you can’t look inside?  When you think you know what the contents of the bag might be, list your responses as well as the reasoning behind your thinking in the chart or on a separate sheet of paper. ... Then Open Sesame!  Were your hypotheses (educated guesses) correct or not?  Once again, give your results in either on the chart or a separate piece of paper - additionally, let me know what you think about the whole investigation?  Did you enjoy it?  Was it helpful?