

Modeling Historical Investigations

Part 1: In each box, draw a model that shows the steps of the investigations and the conclusions the scientists made.

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| <p><i>Is soil the main source of matter in plants?</i></p> | <p><i>Is water the main source of matter in plants?</i></p> |
| <p><i>Does the air have something to do with the source of matter in plants?</i></p> | <p><i>Even though light is not matter, why is it important to plants?</i></p> |

Part 2: Add to your model: how does the investigation provide evidence the flow of matter in terms of weight was involved in the investigation and how the transfer of energy is driving the flow of matter.