



BREATHING BLUE
STUDENT BOOKLET

Name: _____

Task 1:

Eating is something we do every day. We eat food to get the energy we need. When the marshmallow, or any other food, is changed into energy by our body, other materials that our body does not need are also produced. One of those materials is carbon dioxide, which leaves our body when we breathe out. We could see the proof of carbon dioxide in the scientist's breath because it changed the blue liquid to yellow.

What evidence is there that the change that occurred when the marshmallow was turned to energy was a chemical change? Give at least two reasons.