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| Front 1 | The Scientific Method  (Your name, date, class) |
| Back 1 | The process we use to find the answer to a question.  Example: Why/how/when/where does \_\_\_\_\_\_happen? |
| Front 2 | Observe |
| Back 2 | We see something happen but we can’t explain it  Example: It looks like\_\_\_\_\_\_\_\_.  Or It appears that\_\_\_\_\_\_\_\_\_\_\_\_\_. |
| Front 3 | Make Hypotheses |
| Back 3 | We guess or predict what will happen  Example: I think that \_\_\_\_ happens because \_\_\_\_\_\_.  If \_\_\_\_\_\_\_\_\_happens then \_\_\_\_\_\_ will \_\_\_\_\_\_.  If \_\_\_\_\_\_\_\_\_happens then\_\_\_\_\_\_\_ won’t\_\_\_\_\_. |
| Front 4 | Do an Experiment |
| Back 4 | We test our hypotheses to see if they are right.  To set up an experiment we need:  1) testable hypotheses 2) a list of materials  3) a procedure (directions) 4) a data table |
| Front 5 | Collect Data |
| Back 5 | We record our results and organize the data (information) in a data table. |
| Front 6 | Make Conclusions |
| Back 6 | We analyze our data and try to explain it. We conclude or decide if our hypotheses are supported or not.  Example: The data shows that \_\_\_\_\_\_ happens so my hypothesis is correct. |

**Scientific Method Foldable**