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| Hypothesis | An educated guess based on prior knowledge or research of what you think will happen in an investigation/experiment |
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| How to write a hypothesis | If \_\_(I do this) \_\_\_\_\_\_\_\_\_, then \_\_\_\_\_(this will happen)\_\_\_\_\_\_\_\_\_\_. |
|  |  IV DV |
|  |  |
| Checklist for a good hypothesis | 1. It should be testable
 |
|  |  -you can measure both what you do and what will happen |
|  |  IV DV |
|  | 1. It has both a dependent and independent variable
 |
|  |  |
|  | 1. It can’t be an opinion.
 |
|  |  -good, better, worse, best- can’t use |
|  |  Example- Is basketball or baseball better?  |
|  |  |
| Good Examples | If I listen to Mozart for 30 minutes then I will earn a passing grade on my test. |
|  | If I water the flower with 2L of water then it will grow more than the flower water with only 1L of water. |
|  | If there is less oxygen in the water, then rainbow trout suffer more lice.  |