Science Process Skills

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| Skill | **Description** |
| **Observation** | Gathering information or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  May use \_\_\_\_\_\_\_\_\_\_\_: sight, smell, touch, sound  Two types: quantitative – using #’s or measurements  qualitative – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Comparing & Contrasting** | Discovering \_\_\_\_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_\_\_\_\_\_\_\_\_ between objects or events. |
| **Classify** | Sort or \_\_\_\_\_\_\_\_\_ objects or ideas into groups or categories based on their \_\_\_\_\_\_\_\_\_\_\_ or characteristics. |
| **Ordering** | Placing objects, \_\_\_\_\_\_\_\_\_\_\_\_, ideas, etc. in a logical \_\_\_\_\_\_\_\_\_\_\_\_ or series based on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Ex. First to last, heaviest to lightest. oldest to youngest, a timeline…) |
| Measuring | Determining \_\_\_\_\_\_\_\_\_\_\_ (length/area), \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or time of objects or events by using instruments that measure these properties. Estimate when an exact measurement is not known. |
| **Communicating** | Using \_\_\_\_\_\_\_\_\_\_\_\_\_, written, or oral language to \_\_\_\_\_\_\_\_\_\_\_ an event, action, or object. Use \_\_\_\_\_\_\_\_\_\_, models or diagrams. |
| **Inferring** | Making \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ about an observation that provide a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ explanation. A suggestion about why something may have occurred. |
| Hypothesizing/ Predicting | A forecast or \_\_\_\_\_\_\_\_\_\_\_\_\_ about the outcome of an event based on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and, usually, \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of similar events. Suggesting an answer to a problem. |