**Frayer Model Example #1**

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| **Definition:**A change is size, shape, or stateof matter where the compositionof the substance does not change. | **Characteristics**New materials are not formed. Same materials are present before and after the change. |
| **Examples:**Melting IceCutting hairDissolving sugar |  **Non-examples:** Burning woodBaking a cake Reacting baking soda with  vinegar (carbon dioxide is produced)  |

**Frayer Model Example #2**

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| **Essential Characteristics:**FeathersHollow bonesWarm bloodedBreathe air with lungsWingsBeaks |  **Non-essential characteristics:** Ability to fly |
| **Examples:**RobinsMeadowlarksParrotsEaglesOstrichesPenguins |  **Non-examples:** Bats Flying reptiles Insects Flying squirrels |

**Frayer Model Example #3**

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| **Essential Characteristics:**- *contains water*- *has a shore*- *is surrounded by land except at areas where it**meets another body of water*- *larger than a pond* |  **Non-essential characteristics:**-*may contain water plants and fish*- *likely contains fresh water*- *may provide an area for recreational activity*- *may provide a habitat for wildlife*- *may be formed by glaciers*- *may be an expanded part of**a river*- *may be formed by a dam* |
| **Examples:***\_\_\_\_ Ontario**\_\_\_\_ Simcoe**\_\_\_\_ Temagami**Ramsey \_\_\_\_**\_\_\_\_ Victoria**Loch Ness**Lac Champlain**(replace \_\_\_\_\_ with the unknown word)* |  **Non-examples:** -*pond*- *puddle*- *swimming pools*- *Elliot Lake (town)*- *Georgian Bay*- *Pacific Ocean*- *St. Lawrence River* |