theteachertoolkit

Frayer Model

Example #1

Definition	**Non-essential Characteristics**
• A change of size, shape, or state of matter where the composition of the substance does not change	• New materials are not formed • Same materials are present before and after the change
Examples	**Non-examples**
• Melting ice • Cutting hair • Dissolving sugar	• Burning wood • Baking a cake • Reacting baking soda with vinegar (carbon dioxide is produced)

Physical Change

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Example #2

Essential Characteristics	**Non-essential Characteristics**
• Feathers • Hollow bones • Warm blooded • Breathe air with lungs • Wings • Beaks	• Ability to fly
Birds	
Examples	**Non-examples**
• Robins • Meadowlarks • Parrots • Eagles • Ostriches • Penguins	• Bats • Flying reptiles • Insects • Flying squirrels

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Example #3

Essential Characteristics	**Non-essential Characteristics**
• Contains water • Has a shore • Surrounded by land except for areas where it meets another body of water • Larger than a pong	• May contain water plants and fish • Likely contains fresh water • May provide an area for recreational activity • May be formed by glaciers • May be an expanded part of a river • May be formed by a dam
Examples	**Non-examples**
• ____ Ontario • ____ Simcoe • ____ Temagami • Ramsey ____ • ____ Victoria • Loch Ness • Lac Champlain *(replace ____ with the unknown word)*	• Pond • Puddle • Swimming pools • Elliot Lake (town) • Georgian Bay • Pacific Ocean • St. Lawrence River



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