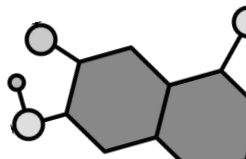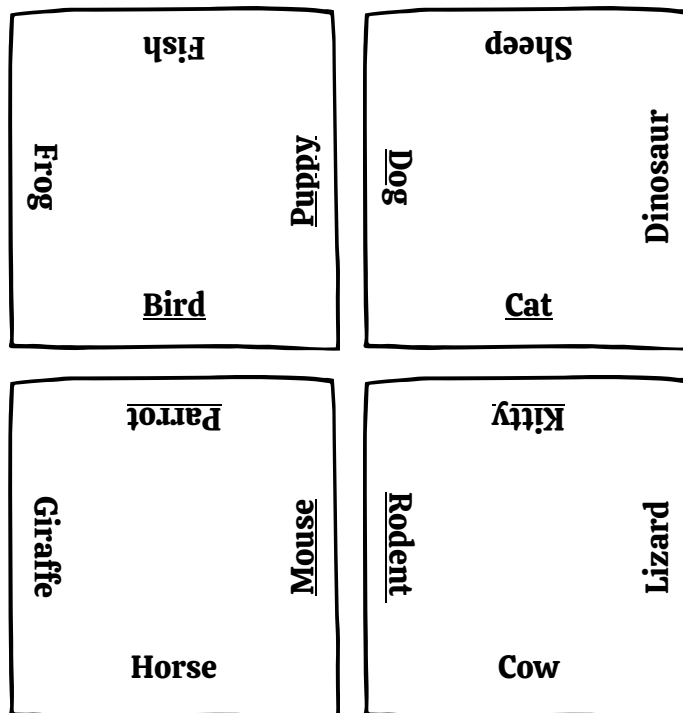# Domino Card Sort Instructions

1) You have been given nine cards.

2) Arrange the cards in a 3x3 grid on a flat surface.

3) The cards have terms related to enzymes.

4) Your task is to match these terms correctly.

5) Use your understanding of enzymes and their functions to make the matches.

6) The goal is to make each side of a square touch its corresponding matching term on the adjacent square.

Example 4x4 grid:

Fish / Frog / Puppy / Bird	Sheep / Dog / Dinosaur / Cat
Parrot / Giraffe / Mouse / Horse	Kitty / Rodent / Lizard / Cow

Domino Card Sort-Enzymes
(Cut out cards for students)

Card 1
- Temperature
- Amino Acids
- Enzyme and substrate
- Milk

Card 2
- Remains Unchanged
- Free energy
- Enzymes
- Reaction Process

Card 3
- Without Enzyme
- Enzymes make activation energy...
- With enzyme
- Activation Energy

Card 4
- Non-ideal conditions
- Catalysts
- Energy needed for reaction to happen
- Pressure

Card 5
- Two items that a reaction starts with
- Increase
- Example of Enzyme
- During a reaction, a catalyst...

Card 6
- Enzymes are examples of
- Active site
- Disgarded
- Volume

Card 7
- Where a substance binds
- Enzyme and products
- Protein complex
- End in -ase

Card 8
- Proteins
- Factor that can denature
- Decrease
- End in -ose

Card 9
- sugars
- Lactase
- Denaturation
- The two items that are left after a reaction

Domino Card Sort- Enzymes(Key)

Card 1
- Volume
- Discarded
- Active Site
- Enzymes are an example of

Card 2
- Protein Complex
- Where a substrate binds
- End in -ase
- Enzyme and Products

Card 3
- Reaction Process
- Enzyme names
- Free Energy
- Remains unchanged

Card 4
- Catalysts
- Pressure
- Non-ideal conditions cause
- Energy needed for reaction to happen

Card 5
- The two items that are left after a reaction
- Denaturation
- Lactase
- Sugar names

Card 6
- During a reaction, a enzymes....
- Example of Enzyme
- Increase
- Two items that a reaction starts with

Card 7
- Activation Energy
- With Enzyme
- Enzymes make activation energy...
- Without Enzyme

Card 8
- End in -ose
- Decrease
- Factor that can denature
- Protiens

Card 9
- Enzyme and Substrate
- Temperature
- Milk
- Amino Acids