

Name: _____

Period: _____

Date: _____

Corn Flake Digestion

Monogastric System Lab Sheet

Supplies Needed:

- Bowl
- Fork
- ½ cup Corn Flakes
- Water
- Vinegar
- Scissors
- Rolled Paper Towel
- Paper Towel Tube
- Ziploc Bag

Procedure:

1. Smash Corn Flakes in a bowl with a fork
2. Create a thick paste by adding a little water to the bowl of crushed Corn Flakes
3. From the bowl, pour the mixture through the paper towel tube into the Ziploc bag
4. Add 1-2 Tablespoons of vinegar to the mixture in the Ziploc bag
5. Seal the Ziploc bag
6. Using your hands and fingers, mash the mixture in the Ziploc bag until thoroughly mixed
7. Using the scissors, Snip a corner of the Ziploc bag off and squeeze the mixture out of the bag and into the rolled-up paper towel

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8. Work it through the towel and put any left over mixture back into the bowl

Corn Flake Digestion

Monogastric System Worksheet

1. Identify what each part of the experiment represents in a monogastric digestive system
 1. Corn Flakes:
 2. Fork:
 3. Water:
 4. Paper Towel Tube:
 5. Ziploc Bag:
 6. Paper Towels:
2. What does saliva do to food?
3. What does stomach acid do to food?
4. What happens as food passes through the intestines?
5. What are some ways to move food effectively through the digestive system?