



Making Science
Make Sense®

JOURNEY THROUGH THE BLOODSTREAM

MATERIALS:

- TWO (2) CLEAR GLASSES
- CORN SYRUP
- RED FOOD COLORING
- SUGAR
- FLOUR
- TWO (2) TEASPOONS



PROCEDURE:

1. Fill the two glasses halfway with corn syrup.
2. Add two drops of red food coloring to each glass. This will act as "artificial blood."
3. Place one teaspoon of sugar on top of the "blood" in one glass.
4. Place one teaspoon of flour on top of the "blood" in the second glass. What happens?

WHAT THIS MEANS:

Carbohydrates are absorbed into the blood at different rates. As you've seen, the sugar is absorbed faster than the flour. The sugar is made of small molecules that dissolve faster than the large starch molecules in the flour. When we eat sugar, these small molecules quickly pass into our blood. When we eat starches, the larger molecules take longer to pass into our blood.

Making Science Make Sense[®] is Bayer's award-winning, company-wide initiative that advances science literacy through hands-on, inquiry-based science learning, employee volunteerism and public education.



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