

DECAY REQUIRED PRACTICAL

AQA Biology Experiment



INVESTIGATING THE EFFECT OF TEMPERATURE ON THE RATE OF DECAY

YOU WILL NEED:



METHOD:

1. ADD 5cm^3 OF MILK WITH PH INDICATOR INTO TWO TEST TUBES



2. PLACE ONE TEST TUBE IN A 20°C WATER BATH, THE OTHER IN A 40°C WATER BATH



3. ADD 1cm^3 OF LIPASE TO EACH TEST TUBE



4. MIX THE SOLUTION AND START A TIMER

5. TIME HOW LONG IT TAKES FOR THE SOLUTION TO TURN YELLOW



6. RECORD THE TIME FOR EACH TEMPERATURE

COMPARE RESULTS:

HOW DOES TEMPERATURE AFFECT THE RATE OF DECAY?



CONSIDER WHY THE RATE DIFFERS AT DIFFERENT TEMPERATURES!