

METHOD

1. Receive DNA sequence (paper strip) from teacher
2. Transcribe DNA sequence to complementary RNA sequence
3. Move to bench and find complementary square papers
4. Arrange square papers in order to form a sentence

EQUIPMENT

- Paper
- Pen/Pencil

RISK ASSESSMENT

There's no risk involved due to the absence of any hazardous materials and lack of required equipment.

RESULTS

DNA Code: TAC TTT TTG TTA ACG TGC ATC

mRNA Code: AUG AAA AAC AAU UGC ACG UAG

Sentence: *your mother dresses you funny*

note: I don't have the other results

TABLE 3: REPRESENTATIONS OF PARTS OF THE MODEL

MODEL PART	REPRESENTATION
TEACHER	Transcription Factor
PAPER STRIP	DNA section
REWRITTEN STRIP	mRNA
DESK	Nucleus
STUDENT	Enzymes
LAB	Cell
BENCH	Cytoplasm/Ribosomes
SQUARE PAPERS	Codons/tRNA
SENTENCE	Proteins
FLOOR	Cell Membrane

The sentences formed shared in common the fact that they were statements. Out of the 8 groups, there were two mutations; one transcription error and one sequence mutation. This resulted in a sentence which made literal sense but was very strange.