

## About the models

Our models are designed to teach molecular processes, as well as structure. This Biotechnology Pack extends the use of the DNA/RNA Sets. Now learners can also simulate biotechnology procedures in the lab with the models.

## About the curriculum

### Booklet 3 Activities:

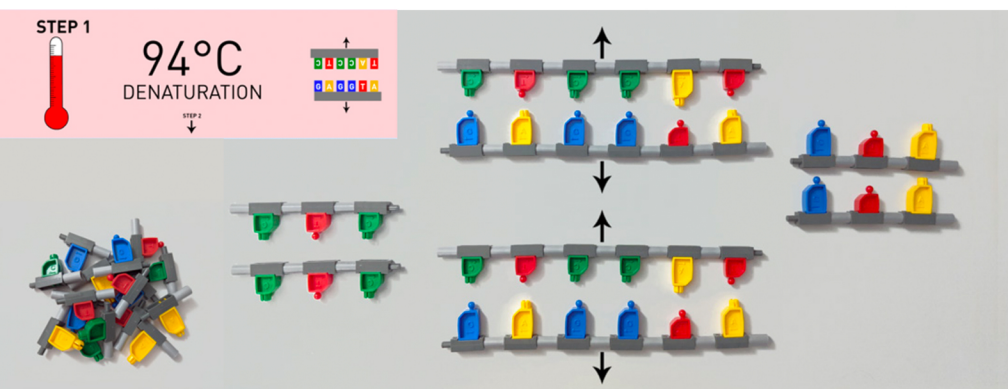
- Identify the 3' and 5' DNA ends
- Practice restriction enzyme digestions
- Model gel electrophoresis
- Use DNA fingerprinting to compare sequences
- Perform PCR cycles
- Demonstrate Sanger sequencing with dideoxynucleotides
- Simulate the CRISPR-Cas9 System

## Classroom Set: \$500

14 DNA/RNA Booklet 3  
14 Phage DNA Strips  
14 Gel Electrophoresis Mats  
14 Cas9 Protein Mats  
Teacher Guide (online)

**NOTE: DNA/RNA Set must be purchased separately!\***

*Price includes shipping to continental U.S. only. Shipping to additional destinations will require additional costs.*



**\*DNA/RNA Classroom Set: \$1950**  
See website for additional information

