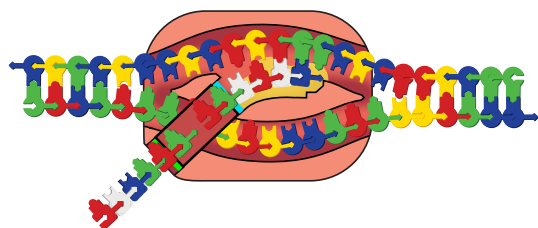
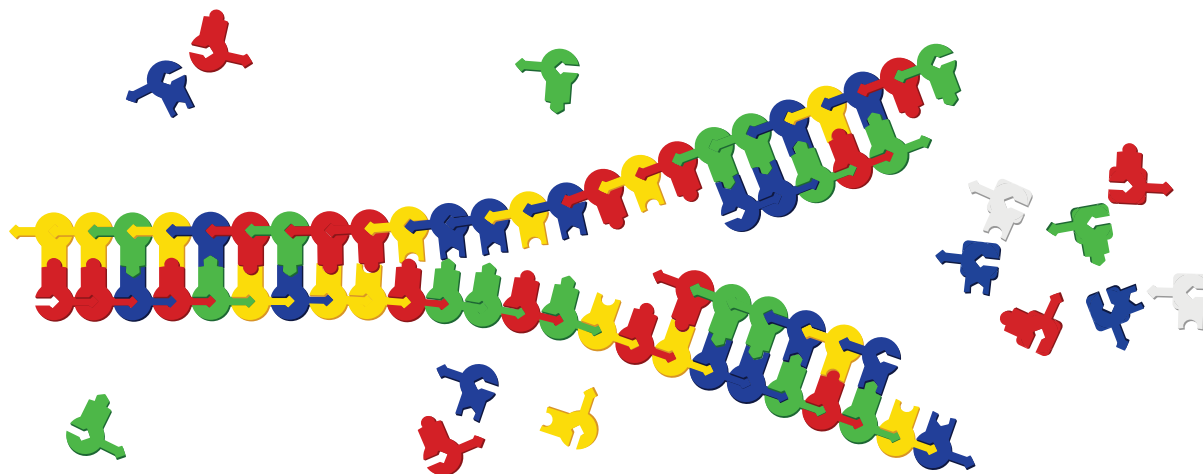
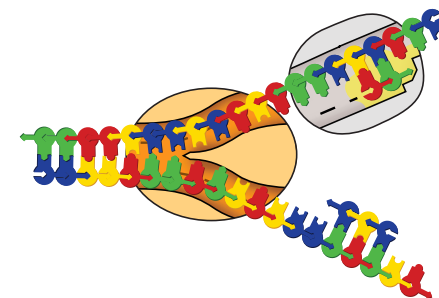


# Nucleotide Student Modeling Pack



**3-D Molecular  
Designs**  
*...where molecules become real™*



**CAUTION:**

This is a science education product, not a toy.  
It is not intended for children under 8 years old.

**WARNING:**

**CHOKING HAZARD** - This product contains small parts and should be kept out of the reach of children under the age of 3, because the parts or their pieces may present a choking hazard to small children.

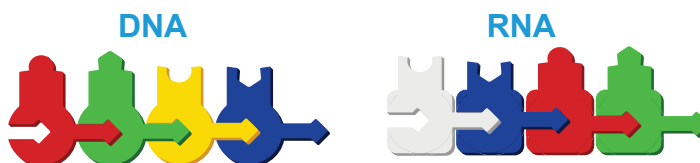
Tracking Number:  
NSMP2020

Production Date:

# Nucleotide Student Modeling Pack

## Contents

- |    |   |    |                               |
|----|---|----|-------------------------------|
| 20 | Red Adenine DNA Nucleotides                             | 10 | Red Adenine RNA Nucleotides   |
| 20 | Yellow Thymine DNA Nucleotides                          | 10 | White Uracil RNA Nucleotides  |
| 20 | Blue Cytosine DNA Nucleotides                           | 10 | Blue Cytosine RNA Nucleotides |
| 20 | Green Guanine DNA Nucleotides                           | 10 | Green Guanine RNA Nucleotides |
| 1  | Printed RNA Polymerase                                  |    |                               |
| 1  | Printed Helicase, DNA Polymerase, & Growing mRNA Strand |    |                               |

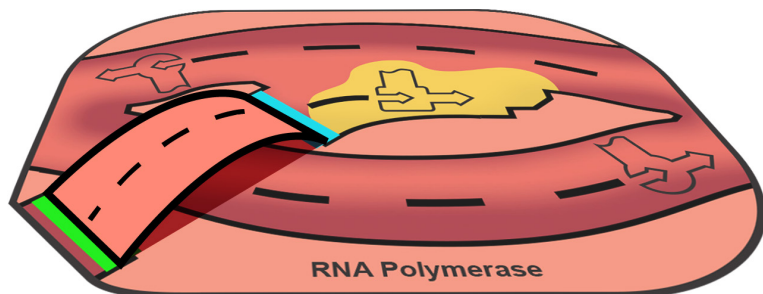


## Materials Needed

- Scissors 
- Tape 

## Assembly Instructions

- Cut along dotted lines for the Helicase, DNA Polymerase and Growing mRNA Strand.
- To create a bridge that is high enough for foam pieces to travel underneath, tape the paper ends of the growing mRNA Strand to the RNA Polymerase placemat, lining up the green and blue lines.
- Punch out foam nucleotides as needed.



## Digital Resources

Digital activities, printable extensions and teacher-submitted activities available online! See the Lessons, Teacher Notes, and additional resources for the Flow of Genetic Information Kit & Biotechnology Kit.

[3dmoleculardesigns.com/Teacher-Resources/Nucleotide-Student-Modeling-Pack.htm](http://3dmoleculardesigns.com/Teacher-Resources/Nucleotide-Student-Modeling-Pack.htm)

