

Modelling DNA Activity

DNA Strand Templates

1. Make a copy of this sheet.
2. Cut out each DNA template and mix into a container.
3. Each student randomly picks one template to build using licorice, coloured mini marshmallows and toothpicks (or other candy).
4. Students must find the matching strand of DNA built by a different student.
5. Once teacher has verified the match, students may eat their DNA strand.

A C C T G A T C A G	A A C T G T C A C G	T T A G G C G C T C
T G G A C T A G T C	T T G A C A G T G C	A A T C C G C G A G
A C C T A A T G A G	A T C T G T C A A G	T T A G G G G C C C
T G G A T T A C T C	T A G A C A G T T C	A A T C C C C G G G
A C T T G A T C A A	A A C T G G C A C G	T T C G G C A C T C
T G A A C T A G T T	T T G A C C G T G C	A A G C C G T G A G
A C C C G A A C A G	A A G T G T C G C G	T A A G G C C C T C
T G G G C T T G T C	T T C A C A G C G C	A T T C C G G G A G
A C C T G G T C A C	A A C T C T A A C G	T T C G G C A C T C
T G G A C C A G T G	T T G A G A T T G C	A A G C C G T G A G