

## 1. Orbit™ ProView™ DNA Model

View the structure and composition of DNA: 12 base pairs show more than one turn of the double helix and major and minor grooves. Every atom is shown, colour-coded, with the correct bonding angles. Pupils can make up the sub-assemblies in groups: thymine-adenine; cytosine-guanine, sugar rings and phosphate groups which can then be brought together to make the finished model. The 85cm model is suspended between two plates on clear strings which can be hung or supported by a display stand (not included). Includes comprehensive instructions and a worksheet examining the structure of DNA.

<b>Code</b>	<b>Pack</b>	<b>Price</b>
<b>SEL1012</b>	Each	<b>£126.69</b>

## 2. Orbit™ Small DNA Model

This introductory and cost effective kit builds a model of DNA six base-pairs high and can be used to model strands of RNA. The model shows each base, guanine, cytosine, thymine, adenine and uracil by a different colour and shows the sugar rings, phosphate groups and hydrogen bonds in black, red and white respectively. Contains instruction booklet and support stand. Height: 25cm.

<b>Code</b>	<b>Pack</b>	<b>Price</b>
<b>SEL1016</b>	Each	<b>£5.42</b>

## 3. DNA Model Kit

Easy to construct the three dimensional model of DNA. Emphasising the base pair sequence and function of DNA, the sturdy, colourful bases snap together in the correct sequence, and the pairs attach to a centre rod representing hydrogen bonds. Two flexible strands signifying alternating pentose and phosphate units attach to the end of each pair, forming the double helix. Once completed the model can be rotated on its sturdy base. Includes enough materials to construct one model. Supplied with manual.

- Size 13 x 13 x 45cm approx
- Weight 250g approx

<b>Code</b>	<b>Pack</b>	<b>Price</b>
<b>SEL0018</b>	Each	<b>£69.88</b>

## 4. DNA Model Kit

This colourful and attractive DNA model makes it easy for students to understand the common, but difficult, topic of DNA structure. It's easy - just attach the nucleotide bases to the backbone, pair the DNA strands, then twist them to form the familiar double helix.

Just like a puzzle - and just as in nature - this DNA model only fits together one way: adenine (A) pairs with thymine (T) and guanine (G) pairs with cytosine (C) on the sugar-phosphate backbones.

The DNA model includes everything you need to build one biologically accurate DNA model, an instruction sheet, and 10 fun facts about DNA.

- Engage your students with this friendly, interactive model
- Show the right-handed double helical structure of DNA
- Incorporate STEM concepts through the use of modelling
- Illustrate the base-pair relationship between purines and pyrimidines

<b>Code</b>	<b>Pack</b>	<b>Price</b>
<b>ELE1458</b>	Each	<b>£32.40</b>

