

## Unit Overview – Genes 1

### You will learn about:

- Genes and DNA
- Variation
- Evolution



### Skill focus:

- Draw bar charts to show types of variation within a population
- Interpreting information from graphs

Key learning points		Key Words
Define a species		
Define variation within and between species		
Explain the difference between continuous/discontinuous variation		
Describe the structure of DNA		
Explain why offspring from the same parents may be very different		
Explain the difference between environmental/genetic variation. Link this to survival of a species		
List and describe the key stages of evolution		
Explain how variation may help a species to survive		
<b>Links to other subjects:</b> <b>Maths</b> <ul style="list-style-type: none"> <li>• Discrete and continuous data in bar graphs</li> </ul> <b>RE</b> <ul style="list-style-type: none"> <li>• Opposing theories of evolution</li> </ul> <b>SMSC</b> <ul style="list-style-type: none"> <li>• Sensitivity around gender</li> </ul> <b>Numeracy</b> <ul style="list-style-type: none"> <li>• Plot bar charts and line graphs to show discontinuous and continuous variation.</li> </ul> <b>Literacy</b> <ul style="list-style-type: none"> <li>• Persuasive writing around lifestyle choices for pregnant women.</li> </ul>		