




## 2.5.9 Genetic Engineering

### Self Assessment

#### Where is your learning at?

Green: I know it all  
 Orange: I have some idea – check the answers  
 Red: I need to start studying this section

	<b>Can You</b>	<b>Green</b> 	<b>Orange</b> 	<b>Red</b> 
1	Define Genetic Engineering			
2	Understand that GE alters DNA			
3	Outline the function of restriction enzymes			
4	Outline the process of genetic engineering involving the following: a) isolation, b) cutting, c) insertion, d) transformation, e) expression			
5	Outline three applications of GE <ul style="list-style-type: none"> <li>• one plant</li> <li>• one animal</li> <li>• one microorganism</li> </ul>			
6	Discuss the ethical issues of genetic engineering			