Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Year 10 Science**

**Genetic Technology Assignment**

Choose one example where Scientists have, or are attempting to, genetically modify an organism then prepare a report which answers the following questions:

|  |  |  |
| --- | --- | --- |
|  | **Possible Mark** | **Your mark** |
| What is genetic modification? | 2 |  |
| Why are scientists genetically modifying the organism you have chosen? What are the advantages? | 6 |  |
| How are scientists doing this? What techniques are they using? Diagrams will help. | 6 |  |
| Explain any disadvantages to genetic modification. Why are some people worried about it? | 3 |  |
| Do you think genetic modification should be permitted? Justify your answer. | 6 |  |
| References set out as in student diary | 3 |  |
| Presentation | 2 |  |
| Diagrams | 2 |  |
| Total | 30 |  |

* You should use more than one type of source of information eg internet, book, newspaper article
* Your report should include diagrams which have captions or titles and are referred to within the text
* Remember if you want to copy something directly from a book or website you should use quotes eg “Doh” (Simpson 1995). The full reference will go in your reference section at the end.
* The assignment can be hand written or typed and printed. However you will need to hand in your hand written notes with the assignment.
* This page should also be stapled to the front.