



I don't see the need to clone animals

B1 LAT: Cloning-is it right?

Introduction

Very few people have been interested in cloning techniques that have been used for years. Whether it is plant tissue cultures, or growing plants from cuttings.

However, when scientists developed techniques for cloning animals, and possibly humans, people raised concerns about possible problems and ethically concerns.

Many people can see many disadvantages to the techniques, but scientists argue that there could be many benefits, to developing the techniques.

Task

Produce a document to look at the three different techniques for cloning

- Cloning crop plants.
- Therapeutic Cloning.
- Reproductive Cloning.

My son needs a heart transplant, but there's no donors



For each one you need to:

- Explain the process involved.
- Identify the advantages and disadvantages, and the ethical issues.

Key words:

Allele, asexual reproduction, cell, characteristic, chromosome, clone, cystic fibrosis, DNA, environment, fertilisation, gene, genetics, generation, inheritance, nucleus, sexual reproduction, transgenic, transplant, variation.

Grade	What you need to do.
E	<ul style="list-style-type: none"> • Describe the processes involved. • Describe simply some of the advantages and disadvantages. • Describe simply some ethical issues. • Use most key words correctly. • Use at least two sources of information. With references.
C	<ul style="list-style-type: none"> • Explain in detail the processes involved in each technique. • Describe in detail some of the advantages and disadvantages. • Describe in detail some ethical issues. • Use ALL key words correctly. • Use some specific examples. • Use at least three sources of information. With references.
A	<ul style="list-style-type: none"> • Explain in detail the process involved in each technique. • Discuss the advantages and disadvantages. With reference to specific examples. • Discuss the ethical issues. With reference to specific examples • Use all key words correctly and fluently. • Use at least three sources of information. With references.