

## Genetics

### Worksheet 1

Adapted from: [http://www.esldiscussions.com/g/genetic\\_engineering.html](http://www.esldiscussions.com/g/genetic_engineering.html)

#### GENETIC ENGINEERING DISCUSSION

STUDENT A's QUESTIONS (Do not show these to student B)

- 1) What is genetic engineering?
- 2) Do you think genetic engineering is a good thing?
- 3) What are people worried about who oppose genetic engineering?
- 4) Do you worry about eating GM (genetically modified) food?
- 5) Do you think genetically modified food could harm the ecosystems of the areas in which they grow?
- 6) What do you know / think about the Oncomouse – the mouse specially modified to help in cancer research?
- 7) Do you think it's essential to modify genes to create new medicines?
- 8) Scientists can genetically engineer fruit to contain vaccines at a very low cost – Is this a good idea?
- 9) What do you think about cloning?
- 10) Would you like to see a cloned version of yourself?

#### GENETIC ENGINEERING DISCUSSION

STUDENT B's QUESTIONS (Do not show these to student A)

- 1) What do you know about genes?
- 2) Do you think genetic engineering is playing God and that we should leave life as it was created?
- 3) What do you think of the idea of genetically engineering new bodily organs to replace yours when you are old?
- 4) What do you think would happen if a GM crop or animal started causing major harm to the environment / us?
- 5) Genetic engineering might allow parents to 'design' their children before their birth – What do you think of this?
- 6) Should genetic engineering go ahead to eliminate human flaws, such as violence, jealousy, hate, etc?
- 7) What if scientists create a monster human?
- 8) What do you understand by the term 'genetic aristocracy'?
- 9) If someone's genes are changed a lot, are they the same person?
- 10) Does the government have the right to limit how far we modify ourselves?