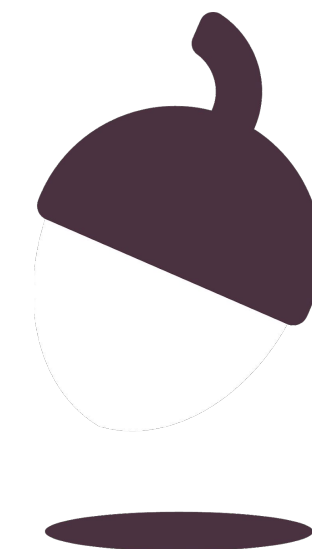


Combined Science - Biology - Key Stage 4

# Genetic Engineering

Mrs Gibbs



**OAK**  
NATIONAL  
ACADEMY

# Genetic engineering

**1) What is modified during genetic engineering?**

**1) What happens during genetic engineering?**



# Independent task

1. Crops which have been genetically modified are known as \_\_\_\_\_ crops.
2. Crops are genetically modified to produce bigger and better \_\_\_\_\_ and to be \_\_\_\_\_ resistant.
3. Bacteria can be genetically modified to produce \_\_\_\_\_. This hormone is cut out from \_\_\_\_\_ chromosomes and can be used to treat \_\_\_\_\_.



# Exam question

A farmer is choosing which strawberry plants to grow.

He reads an advert in his farming magazine.



The plant company say that none of their plants are genetically modified.

Suggest **two** reasons why the company wants to let people know this. **(2)**

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## Buy strawberry plants from us!



- We have been selectively breeding strawberry plants for many years.
- This produced a plant with very sweet tasting strawberries.
- All the plants we now sell are clones of this plant.
- We guarantee that none of the plants we sell are genetically modified.

