

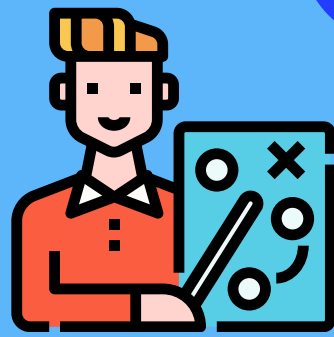
Pre-C6th Home Study

UNIVERSAL PROJECT FOR YEAR 11 HOME LEARNING - BIOLOGY

THE BRIEF

OUT OF THE FOLLOWING TOPICS, CHOOSE THE ONE WHICH INTERESTS YOU THE MOST:
GENETIC ENGINEERING TECHNOLOGY, XENOTRANSPLANTATION, THE HUMAN GENOME PROJECT, THE USE OF BIOLOGY IN ENSURING EFFICIENT FOOD PRODUCTION.
BECOME AN EXPERT IN YOUR CHOSEN TOPIC!

STEP
01



WHAT TO INCLUDE

USE DATA (IN THE FORMS OF GRAPHS OR TABLES) TO SUPPORT YOUR WRITTEN WORK.
USE KEY SCIENTIFIC TERMS (AND DEFINE THEM WHERE NECESSARY)
CONSIDER THE FINANCIAL, ENVIRONMENTAL AND ETHICAL ASPECTS OF YOUR TOPIC

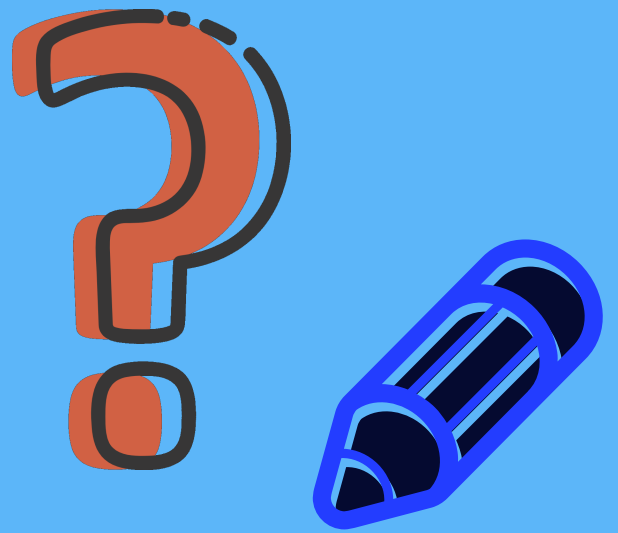
STEP
02



CREATE A QUESTION

WHAT ARE THE POTENTIAL BENEFITS AND CONCERNS POSED BY GENETIC ENGINEERING TECHNOLOGY?
COULD XENOTRANSPLANTATION SOLVE THE SHORTAGE OF DONOR ORGANS?
WHAT ARE THE BENEFITS AND CONCERNS POSED BY THE HUMAN GENOME PROJECT?
HOW CAN BIOLOGY ENSURE THE EFFICIENT FOOD PRODUCTION NEEDED TO FEED THE WORLD'S GROWING POPULATION?
COULD ANIMALS MADE EXTINCT IN THE BRITISH ISLES DURING THE LAST MILLENNIUM BE SUCCESSFULLY REINTRODUCED?

STEP
03



DO YOUR RESEARCH

USE THE LINKS BELOW TO FIND RELEVANT INFORMATION FOR YOUR QUESTION. MAKE NOTES, USE MINDMAPS AND TABLES
MAKE SURE YOU KEEP A LIST OF THE SOURCES USED .

STEP
04



CREATE YOUR PRODUCT

A POWERPOINT OR USE CANVA TO PRODUCE A POSTER OR MAGAZINE. CREATE A 10 PAGE MAGAZINE ARTICLE!
ALTERNATIVELY MAKE A VIDEO OR A QUIZ FOR YOUR FAMILY.

STEP
05



- [HTTPS://WWW.NEWSCIENTIST.COM](https://www.newscientist.com)
- [HTTPS://WWW.SCIENTIFICAMERICAN.COM/](https://www.scientificamerican.com/)
- [HTTPS://WWW.THEGUARDIAN.COM](https://www.theguardian.com)
- [WWW.INDEPENDENT.CO.UK/NEWS](http://www.independent.co.uk/news)
- [HTTPS://WWW.NATURE.COM](https://www.nature.com)
- [HTTPS://WWW.BRITISHECOLOGICALSOCIETY.ORG](https://www.britishecologicalsociety.org)
- RESEARCH TOPICS. [HTTPS://WWW.STEM.ORG.UK/BIG-PICTURE/RESOURCE-](https://www.stem.org.uk/big-picture/resource-)
- [HTTPS://WWW.STEM.ORG.UK/RESOURCES/ELIBRARY/RESOURCE/34589/CELL](https://www.stem.org.uk/resources/elibrary/resource/34589/cell)
- [HTTPS://WWW.STEM.ORG.UK/RESOURCES/ELIBRARY/RESOURCE/35694/IMMUNE-SYSTEM](https://www.stem.org.uk/resources/elibrary/resource/35694/immune-system)
- [HTTPS://WWW.STEM.ORG.UK/RESOURCES/ELIBRARY/RESOURCE/26570/GENES-GENOMES-AND-HEALTH-SUITABLE-HOME-TEACHING](https://www.stem.org.uk/resources/elibrary/resource/26570/genomes-and-health-suitable-home-teaching)
- [HTTPS://WWW.STEM.ORG.UK/RESOURCES/ELIBRARY/RESOURCE/35113/POPULATIONS](https://www.stem.org.uk/resources/elibrary/resource/35113/populations)