

STEP INTO SIXTH FORM

TASK 1: MEDICINE, VETERINARY, DENTISTRY

INTRODUCTION VIDEO

Click [here](#) to access the task introduction video.

TASK

Stem cell research task: Should stem cells be used to treat Alzheimer's?

Students are to work in groups of two or three to produce a poster to include information on the use of stem cells as a cure for Alzheimer's. Students are to include referencing of the sources of information they have used in their work.

Your poster should include information on the following points:

- What are stem cells?
- Where are stem cells usually found?
- Explain how stem cells may be used to treat Alzheimer's disease.
- Discuss the ethical reasons why stem cell research should not be used.
- Contrast the ethical reasons why stem cell research should be used.
- Evaluate the risks and benefits of using stem cells in Alzheimer's treatment.

WEBSITES AND ONLINE LEARNING MATERIALS

5 minute introduction video to task:

Background information video [Neural Stem Cells Reverse Alzheimer's-Like Symptoms - YouTube](#)

Task: [Stem cells – a cure for Alzheimer's .docx - Google Docs](#)

Textbook pages: [stem cell textbook pages - Google Docs](#)

Mark scheme: [YR10 Step into Sixth Form Mark scheme - Google Docs](#)

Referencing link: <https://www.citethisforme.com/harvard/source-type>

Other links: [Stem cells and Alzheimer's disease | Alzheimer's Society \(alzheimers.org.uk\)](#)

CONTACT

For any questions about your Step Into Sixth Form task, please select the STEM pathway via the chat function vtour.stokesfc.ac.uk