**Logo, company name

Description automatically generated**

**Year 11 General Human Biology**

**Task 3: Project – Human fertility (15%)**

RESULT

/ 50

**Task 3**

**TYPE:** Project

**CONTENT:** Human fertility

**WEIGHTING:** 15%

**Student Name: ­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Due date: \_\_\_ / \_\_\_ / \_\_\_\_\_\_\_\_\_\_**

**Teacher:** Mrs Cunningham

**CONDITIONS:**

Must be completed individually.

8 lessons allocated.

50 Marks

**TASK DETAILS:**

Select and explore an issue related to human fertility. You are required to analyse and synthesise information from at least two different sources to produce an infographic explaining the relevant scientific concepts involved and describe its impact and/or influence on society.

Tips for creating infographics:

* Seven tips on how to make a good infographic <https://venngage.com/blog/good-infographic/>

|  |  |  |
| --- | --- | --- |
| **Project Part** | | **Number of Marks** |
| Part A | **Research** | **/** 15 |
| Part B | **Draft infographic** | / 10 |
| Part C | **Final infographic** | / 25 |
| **Total:** | | **/ 50** |

**Human fertility**

Australian Fertility rate hits record low <https://www.abs.gov.au/media-centre/media-releases/australian-fertility-rate-hits-record-low>

Data released from the Australian Bureau of Statistics in 2021 showed a 56% decline in Western Australian’s fertility rate over the last 50 years. Australia wide wormen aged 15 to 19 years showed the greatest decline. At the same time the fertillity of women aged 40-44 years almost tripled.

The reasons for the changes in fertility data are many, including the opportunity to manage family planning, socioeconomic, health, educational opportunities and access to assisted reproductive technologies.

Research one of the following issues, or an alternative issue approved by your teacher, by gathering evidence from at least two different credible sources.

One source is provided for each issue to get you started. You will then be required to use your research to prepare an infographic.

**Issue 1: Declining fertility rates – why is it happening, is this a problem and what can be done about it?**

Declining fertility rates and the threat to human rights.

<https://www.ibanet.org/Declining-fertility-rates-and-the-threat-to-human-rights>

**Issue 2: ART derived unused embryos – choices and ethics**

What happens to the excess unused embryos after an IVF treatment?

<https://www.invitra.com/en/surplus-embryos-after-an-in-vitro-fertilization/>

**Issue 3: ART availability and the Law in Western Australia**

Independent Review of the Human Reproductive Technology Act 1991 and the Surrogacy Act 2008 <https://www.health.wa.gov.au/Articles/S_T/Submissions-for-HRT-review>

**To complete this task:**

* Select an issue to explore further.
* Identify the relevant scientific concepts associated with the issue.
* Conduct research to
* explain the scientific concepts identified
* describe the impact of the issue on mental and/or physical health
* describe any impacts the issue may have on society.
* Prepare a draft infographic.
* Prepare the final infographic.

**Checkpoints:**

|  |  |  |
| --- | --- | --- |
| ☐ | Week 14 | Select issue and identify relevant scientific concepts for research |
| ☐ | Week 14 | Identify sources and conduct research |
| ☐ | Week 14 | Submit draft infographic for feedback |
| ☐ | Week 15 | Submit final infographic |

**Authentication strategies:**

The teacher will:

* provide class time for task completion
* monitor progress at specified check points
* collect and annotate drafts.

The student will:

* maintain a journal to document their progress
* acknowledge all sources.

**END OF ASSESSMENT**