GAC033 Project Based Learning and Research Methods

GAC Study and Communication Skills · Vocabulary in context

Word	Example
research proposal /rɪ'sɜ:tʃ prə'pəʊzl/	Your **research proposal** explains what you will study and how.
driving question /'draɪvɪŋ 'kwestʃn/	The **driving question** for our project is "How can we reduce waste at school?"
research question /rɪ'sɜ:tʃ 'kwestʃn/	A good **research question** names what you change and what you measure.
experiment /ek'sperɪmənt/	In an **experiment**, we give treatments and measure the results.
survey /'sɜ:veɪ/	We ran a **survey** of 100 students.
observation /ɒbzə'veɪʃn/	In an **observation**, the researcher watches behaviour.
research interview /rɪ'sɜ:tʃ 'ɪntəvju:/	In a **research interview**, you ask someone about their experiences.
ethics /'eθɪks/	**Ethics** is about what is right and wrong.
databases /'deɪtəbeɪsɪz/	**Databases** store records that programs can search and update.
literature review /'lɪtrɪtʃə rɪ'vju:/	A **literature review** sums up what other studies have found.
limitations /ˌlɪmɪ'teɪʃnz/	Every study has **limitations**, such as a small sample.
timeline /'taɪmlaɪn/	Make a **timeline** for the project.

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peer review /pɪə rɪ'vju:/	In **peer review**, other scientists check the work before it is published.
presentation /ˌprezən'teɪʃn/	Each group gives a five-minute **presentation**.
defence /dɪ'fens/	In your **defence**, you answer questions about your project.
null hypothesis /nʌl haɪ'pɒθəsɪs/	The **null hypothesis** says there is no difference between the groups.