GAC013 Scientific Investigation: Planning and Reporting

GAC Science · Vocabulary in context

Word	Example
research question /rɪˈsɜːtʃ ˈkwestʃn/	A good **research question** names what you change and what you measure.
hypothesis /haɪˈpɒθəsɪs/	Our **hypothesis** predicts more growth in brighter light.
independent variable /ˌɪndɪˈpendənt ˈveərɪəbl/	The **independent variable** is the one you change.
dependent variable /dɪˈpendənt ˈveərɪəbl/	The **dependent variable** is the one you measure.
Mean /miːn/	The **mean** of 2, 3 and 4 is 3.
measurement uncertainty /ˈmeʒəmənt ʌnˈsɜːtənti/	The balance has a **measurement uncertainty** of ±0.01 g.
statistical test /stəˈtɪstɪkl test/	Choose a **statistical test** that suits your data.
confidence level /ˈkɒnfɪdəns ˈlevl/	A 95% **confidence level** means the method works 95% of the time.
conclusion /kənˈkluːʒn/	In your **conclusion**, sum up your main points.
systematic bias /ˌsɪstəˈmætɪk ˈbaɪəs/	More repeats cannot remove **systematic bias**.
reference /ˈrefrəns/	Give a **reference** for every source.

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