

How to Build the Framework of Essay 2

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Review and Categorize the Unit Topics to Use in the Essay (One Paragraph per Category)

- Credibility / authority of the researchers and cited references
 - expert in the field
 - independence of the study (e.g., no financial conflicts)
 - peer-reviewed sources
- Validity of the research methodology
 - experimental versus uncontrolled versus anecdotal
 - control group
 - sample size
- Reproducibility / transparency
 - provide data
 - objectivity of measurements
 - protocols for selecting experimental material / subjects
 - related to specificity of claim



Hence the Development

The key elements of the evidence that need to be inspected are the credibility / authority of the researchers and cited references, the validity of the research methodology, and the reproducibility / transparency of the data and results.



What About the Thesis?

Assessing the validity of a scientific claim amounts to examining the validity of the claim-reasons-evidence rhetoric. Thus, evidence supports the argument and is essential. The key elements of the evidence that need to be inspected are the credibility / authority of the researchers and cited references, the validity of the research methodology, and the reproducibility / transparency of the data and results.

