

### Suggested Structure

#### Introduction:

- What is the Big Bang Theory?
- Why do scientists need evidence to support theories?

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#### Redshift and Expansion (Part A):

- What is the Doppler Effect?
- What is redshift?
- How does redshift show galaxies are moving apart?
- How does this support the Big Bang Theory?

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#### Technology and Scientific Advancement (Part B):

- What technology did you investigate?
- Why was it developed?
- How does it work?
- How did it improve scientific understanding?

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#### Scientific Models and Evidence (Part B):

- Why is the Big Bang considered a scientific theory?
- How has scientific understanding changed over time?
- Why is scientific knowledge contestable and refined?

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#### Conclusion:

- Summarise how evidence and technology support the Big Bang Theory.

Include your bibliography with at least 3 different sources