

Evidence for the Big Bang

- Summarize Hubble's discovery of the relationship between a galaxy's distance from Earth and its speed; then explain how this supported the concept of the Big Bang (as opposed to a non-expanding universe).
- How is an expanding universe like an inflating balloon?
- How did the discovery of microwave background radiation add further support to the idea of the Big Bang?
- How does the redshift enable scientists to determine the speed at which an object is moving away from Earth? (use the article "Boost for the Big Bang Theory").