

Space: Its shape; its light.

Dictionary

Assigned work: For each of the following terms write one or two precise (and concise) sentences. You may add pictures where appropriate. Please word process this assignment. Due in class on Wednesday, March 30.

- Cell division
- Cone point
- Connected sum of manifolds
- Curvature
- Elliptic geometry
- Euclidean geometry
- Euler number
- Extrinsic property
- Friedman-Robertson-Walker (FRW) cosmological models
- Gauss-Bonnet formula
- Geometric property
- Geodesic
- Global property
- Homogeneous geometry
- Hubble diagram
- Hyperbolic geometry
- Intrinsic property
- Isotropy

- Klein bottle
- Light cone
- Local property
- Manifold
- Möbius band
- Orientability
- Product of Manifolds
- Projective plane
- Redshift
- Scientific theory
- Sidedness for surfaces
- Space-time diagram
- Spectrum
- Two-torus