



## Cosmic Blink Key

### Four pillars of astronomy: A

- A0 Nicolaus Copernicus
- A1 Galileo Galilei
- A2 Johannes Kepler
- A3 Isaac Newton
- A4 heliocentric (sun-centered) solar system
- A5 Galileo using his pulse to time the motion of a clock's pendulum
- A6 planetary orbits are elliptical rather than circular
- A7 a prism and spectrum
- A8 the Earth, the Moon, and an apple, used to determine his law of gravitation
- A9 Officers of the Inquisition constraining Galileo's movements (he was under house arrest)
- A10 Dialogue Concerning the Two Chief World Systems (Dialogo in Italian)
- A11 Mathematical Principles of Natural Philosophy (Principia in Latin)

### Constellations: B

- B0 the hero Perseus and Medusa's severed head
- B1 Leo the lion
- B2 Sagittarius the archer
- B3 Taurus the bull (with Europa)
- B4 Pisces the fishes

### Space exploration: C

- C0 the Solar Maximum Mission
- C1 an Apollo command module
- C2 an Apollo astronaut
- C3 the Hubble Space Telescope
- C4 a Space Shuttle
- C5 a Gemini crew capsule

### Deep sky objects: D

- D0 Halley's Comet
- D1 Spiral galaxy
- D2 Pleiades (Seven Sisters) star cluster
- D3 Crab Nebula, supernova remnant
- D4 Helix Nebula, planetary nebula
- D5 Trifid Nebula, star-forming region

### Observers of the sky through the millennia: E

- E0 Stonehenge
- E1 Unidentified man gazing through the telescope
- E2 Albert Einstein
- E3  $E=mc^2$
- E4 a mushroom cloud, a fearsome result of harnessing atomic power
- E5 Billy Morrow Jackson and his wife, Siti Mariah Jackson
- E6 William M. Staerkel
- E7 Parkland Students
- E8 a group of students representing the ages
- E9 Dick Karch, assistant dean of student activities in 1988
- E10 David Linton, Parkland's first astronomy instructor and former director of the Staerkel Planetarium

### Visual puns: F

- F0 Sagittarius in the "centaur" of the painting
- F1 the "calculating woman"
- F2 Observatories are the eyes to the universe
- F3 Newton "standing on his principles"