Astronomy Crossword Puzzle

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| **Across**  **2.** An object whose gravity is so strong that nothing, not even light can escape.  **5.** A loose collection of ice, dust, and small rocky particles, typically with a long, narrow orbit.  **10.** A large cloud of gas and dust, spread out in an immense volume.  **12.** A contracting cloud of gas and dust with enough mass to form a star.  **15.** Rocky objects revoloving around the sun that are too small and numerous to be considered a planet.  **16.** The study of moons, stars, and other objects in space.  **17.** The spinning motion of a planet on its axis.  **18.** An artificial body placed in orbit around the earth or moon or another planet in order to collect information or for communication.  **19.** The apparent change in position of an object when seen from different places.  **20.** The blue-white hot core of a star that is left behind after its outer layers have expanded and drifted out into space.  **23.** An imaginary pattern of stars in the sky.  **24.** A stream of electronically charged particles that emanate from the sun's corona.  **25.** A huge, reddish loop of gas that protrudes from the sun's surface, linking parts of sunspot regions. | **Down**  **1.** The small, dense remains of a high-mass star after a supernova.  **3.** The brilliant explosion of a dying supegiant star.  **4.** One of the small asteroid-like bodies that formed the building blocks of the planets.  **6.** The solid inner core of a comet.  **7.** All of space and everything in it.  **8.** A huge group of a single stars, star systems, star clusters, dusts, and gas bound together by gravity.  **9.** The fuzzy outer layer of a comet.  **11.** The force that pulls objects towards each other.  **13.** A small, old, relatively coolo star.  **14.** A dark area of gas on the sun's surface tht is cooler that surrounding gases.  **21.** The movement of an object around another object.  **22.** The tendency of an object to resist any change in its motion. |