A composite image of M51, also known as the Whirlpool Galaxy, shows a majestic spiral galaxy. Chandra finds point-like X-ray sources (purple) that are black holes and neutron stars in binary star systems, along with a diffuse glow of hot gas. Data from Hubble (green) and Spitzer (red) both highlight long lanes of stars and gas laced with dust. A view of M51 with GALEX shows hot, young stars that produce lots of ultraviolet energy (blue).