Fun Facts:

**NGC 7662: BLUE SNOWBALL NEBULA**

Computer Code: ngc7662

* **Location:**
  + RA: 23h 25m 54s
  + Dec: +42⁰ 37’
* **Basics:**
  + Description: Planetary Nebula in Andromeda
    - Planetary Nebula are the remains of a sun-like star that has used all of its hydrogen gas (fuel). The Sun will become an object like this in 5 to 6 billion years. The glowing gases were once thought to be planets in the process of forming, hence the name “planetary nebula”.
  + Visual Magnitude: +8.3
    - Not visible to naked eye but in a small telescope it will appear as a star-like object with slight nebulosity. Larger telescopes will reveal slight color and brightness variations – a blueish-green ring surrounding a darker center.
  + Apparent Size: 0.5 x 0.5 arcminutes
  + Distance: unknown, but estimates range from 1,800 light years to 5,600 light years
  + Diameter: unknown because of its unknown distance, but estimates range from 20,000 AU to 50,000 AU (which is about 0.8 light years)
* **Other Notes:**
  + The faint central star is variable with a magnitude range of 12 to 16. It is a bluish dwarf with a temperature estimate of 135,000⁰ F (75,000 K).
  + There are at least 3 distinct shells of gas being expelled. They are rich in oxygen, which gives it the blue color.