**Name:**

Define the following: \*Please use any font color other than black to write your responses below\*

1. Matter:
2. Compound:
3. Heterogenous:
4. Homogeneous:
5. Kinetic Energy:
6. Potential Energy:
7. E=mc2

Types of Energy-

Mechanical

Chemical

Nuclear

Thermal

Electromagnetic

Radiant

Electrical

Radiant/Solar

Gravitational

Describe the Law of Conservation of Energy:

Describe the Law of Conservation of Matter:

States of Matter:

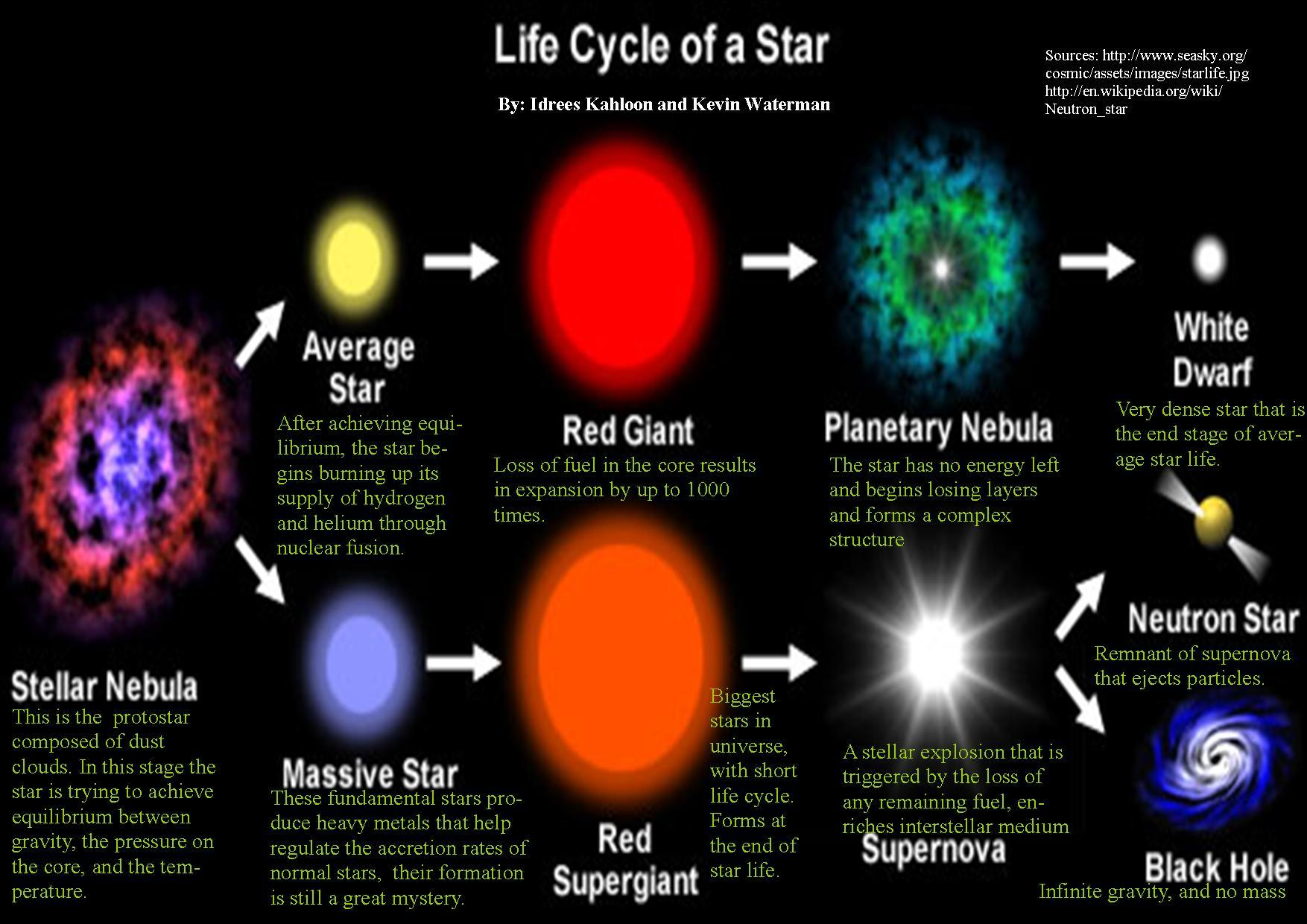
Solid-

Liquid-

Gas-

Plasma-

Describe the Life Cycle of a Star:



Big Bang Theory:

When-

Galaxy:

Light Year:

Doppler Shift:

Nuclear Fusion in Stars:

Cosmic Radiation

Dark Matter: