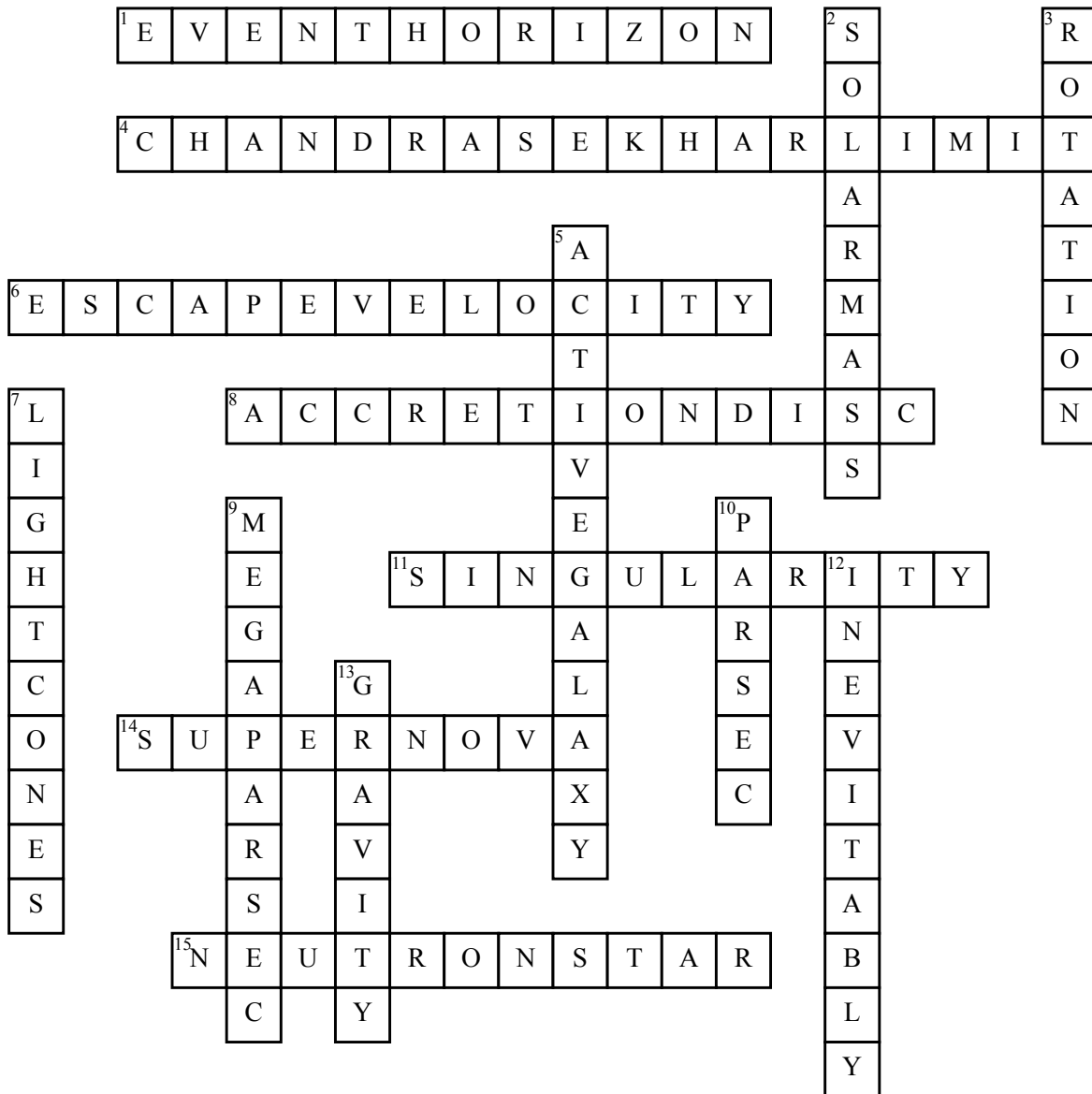


# Black Holes



## Across

1. The boundary around a Black hole that lets no light or matter escape
4. This suggest that a sun may collapse and form a dense white dwarf
6. Faster than the speed of light, speed needed to escape a black hole.
8. a rotating disc of matter formed by accretion around a black hole under the influence of gravitation.

11. A region of space where the curvature of space-time becomes infinite.

14. A star the lets out most of its energy during a huge explosion.

15. A very small celestial object that has a very high density.

## Down

2. used as a measurement for a sun used to see if it is close to becoming a supernova

3. There is none of this in black holes because there is no volume of black holes

5. These consist of black holes instead of suns.

7. the pattern that describes the flash of light in Minkowski space-time

9. One million parsecs

10. equal to about 3.26 light years

12. This is unstoppable just like black holes.

13. There is extremely high amount of this in black holes.