Name: _____ Course:_____

Word Bank

Gravity	Hydrogen	Main Sequence
Mass	Matter	Nebula
Nuclear Fusion	Protostar	Sun

1. The _____ of the star determines its life cycle.

2. The mass of a star is determined by how much _____ is available.

3. The _____, or giant cloud of dust and gas a star is born from, supplies the matter.

4. _____ gas from the nebula comes together over time.

5. The gas is pulled together by _____ and starts to spin.

6. As the gas spins faster and heats up, it becomes a _____.

7. Then, in the cloud's core, _____ occurs when the temperature reaches 15 million degrees.

8. The cloud grows and becomes stable to form a _____ star.

9. This is the first stage in the sequence of a star's life cycle and the _____ is in this stage now.

LIVEWORKSHEETS