

# BrainPOP – Lifecycle of a Star

Name \_\_\_\_\_ LP \_\_\_\_\_



## Word Search:

BLACKHOLE	E F G T P S H U X Q
CEPHEID	L G O S U U E F B G
DWARF	O H A U L P L R F D
GAS	H G Y O S E I A K I
HELIUM	K K J D A R U W H E
HYDROGEN	C S U N R N M D A H
PROTOSTAR	A R A T S O T O R P
PULSARS	L L V H F V G P L E
RED GIANT	B O G D C A B E Q C
SUN	R E D G I A N T N P
SUPERNOVA	

## BrainPOP Quiz

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

1. What are some differences between a **Main Sequence** star and a **Red Giant**?

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2. What is a **Protostar**? \_\_\_\_\_

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3. What happens to a star when it becomes a **Supernova**? \_\_\_\_\_

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## True or False:

4. \_\_\_\_\_ Our sun is a White Dwarf star.
5. \_\_\_\_\_ A black hole is also known as a singularity.
6. \_\_\_\_\_ Main Sequence stars last only a few hundred years.
7. \_\_\_\_\_ A Red Giant is hotter than a Main Sequence star.
8. \_\_\_\_\_ New stars can form when old ones die out.
9. \_\_\_\_\_ Neutron stars are very dense.
10. \_\_\_\_\_ Nuclear fusion turns hydrogen atoms into helium atoms.