



# DO YOU KNOW?

Answer Key  
Level 2

## STARS AND GALAXIES



### READING ACTIVITIES

- 1 1 explosion                      2 gas  
3 telescope                        4 spacecraft  
5 far                                 6 billion
- 2 1 c    2 e    3 a    4 b    5 d
- 3 1 blue, red  
2 Supergiant, Hypergiant  
3 hydrogen, helium  
4 stars, gases  
5 probe, telescope
- 4 Learners' own answers.  
Suggested answers:  
1 Stars live for a long time, but then they die.  
2 Stars die because they have no more hydrogen.  
3 Big stars change hydrogen into helium quickly.  
4 Their core gets very heavy and there is a supernova explosion.



### VIDEO ACTIVITIES

#### Video 1

- 1 No (It is 4.5 billion years old.)  
2 Yes  
3 No (It is more than 10 billion years old.)  
4 Yes

#### Video 2

Learners' own answers, e.g. A solar flare is very hot. It is not near. It is far.

#### Video 3

- The rockets help take the shuttle into the atmosphere.                      2  
Spacecraft need lots of energy to get into space.                      1  
The rockets fall when the shuttle gets into space.                      4  
The shuttle loses its rockets.                      3



### QUIZ

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- 1 b                      2 b                      3 a                      4 c  
5 b                      6 c                      7 c                      8 a