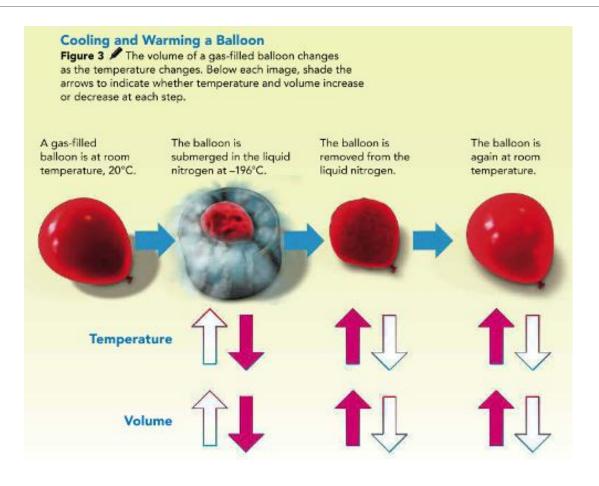
Lesson 3

ANSWER KEYS







SEP Develop Models P Draw two diagrams to show the air particles in a bike pump before and after the handle is pushed down.

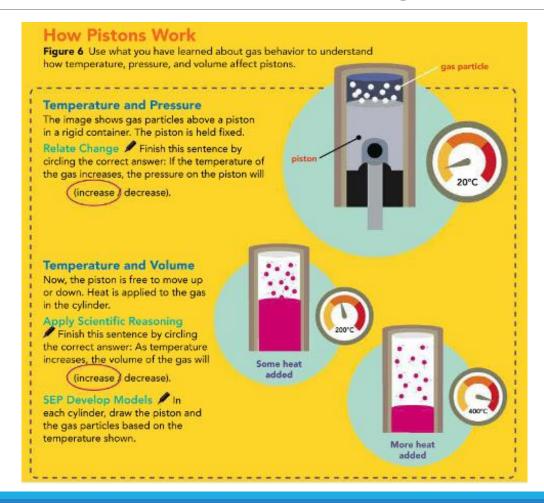
> Air in pump before handle is pushed

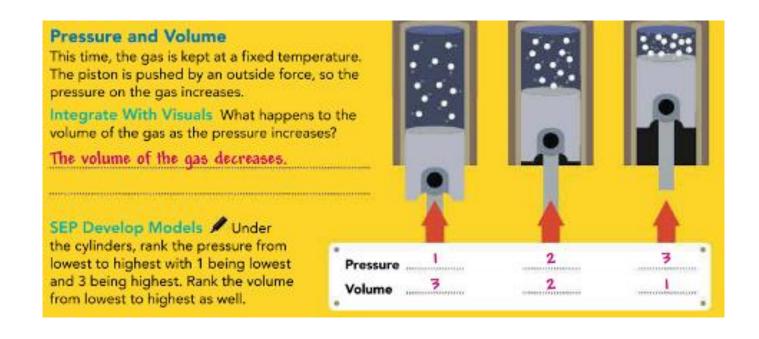
Diagram should show gas particles loosely packed in a space.



Air in pump after handle is pushed

Diagram should show gas particles more tightly packed in a smaller space.





READING CHECK Summarize How does particle motion affect pressure?

As the particles move faster, the pressure on the walls of the container increases.

READING CHECK Read and Comprehend If the temperature of a gas were to decrease, what would happen to the volume of a gas? If would also decrease.