

## **QAR Questions: Air Movement (Grade 8 Book, pages 450-451)**

1. What causes the moving air and moving water such as wind and ocean currents to appear to turn to the right in the northern hemisphere and the turn to the left in the southern hemisphere?
2. Why is warmer air less dense than cold air?
3. Why is low pressure associated with less dense air?
4. Imagine you were sailing with Christopher Columbus. What advice would you offer to make the journey from Europe to North America across the Atlantic Ocean quicker?
5. What causes the daily rain showers in areas closer to the equator and why does the rain showers not occur near the poles?