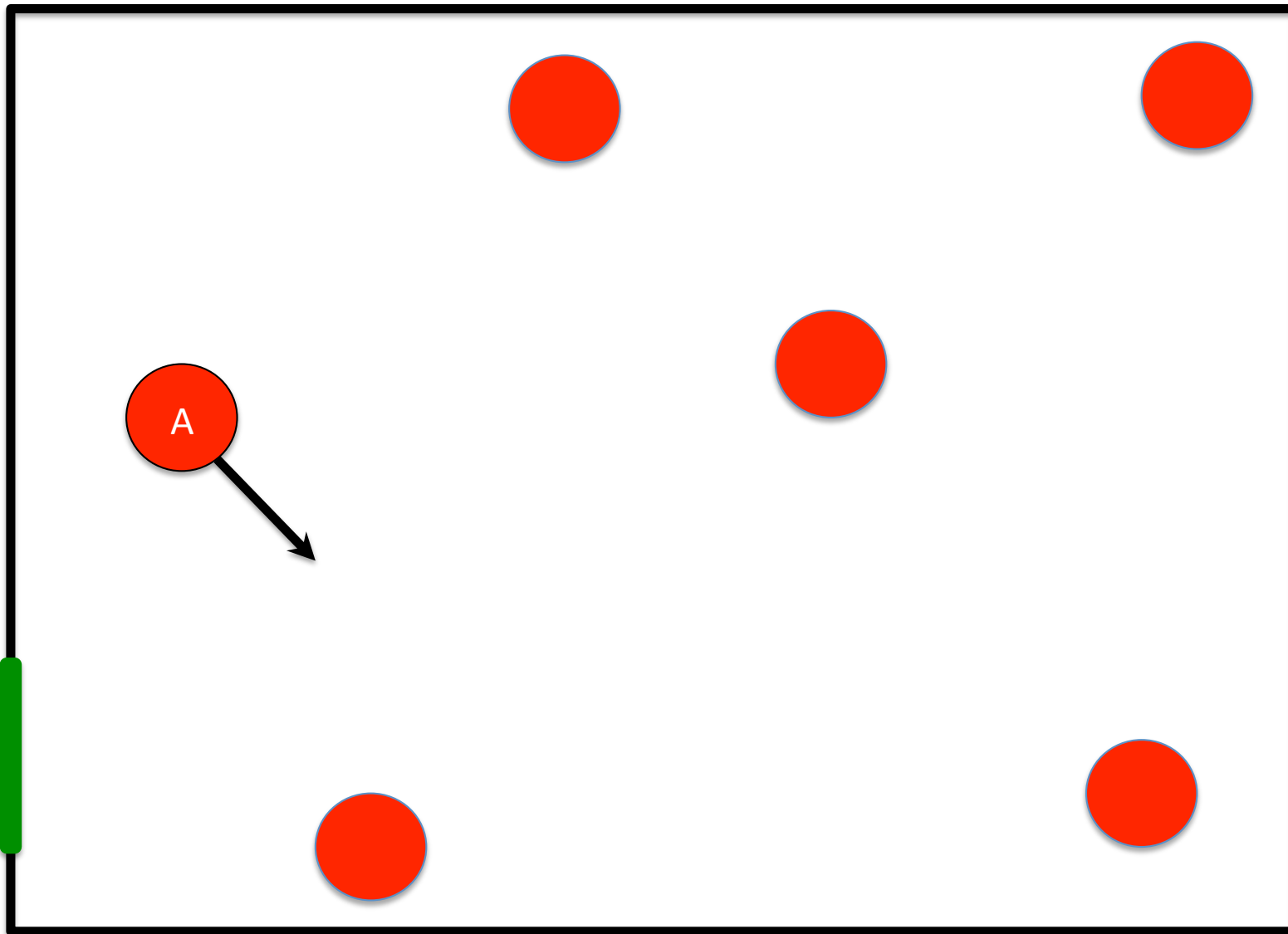


Topic	Movement of gas particles: pressure	Level	Key Stage 3 (or any course for students aged 11-16)
Outcomes	Students understand that gas particles move randomly, constantly colliding with each other and the walls of the container. When particles collide with the container wall this creates pressure.		



1. Gas particle A hits the container wall marked with a green line. Draw onto the diagram the path that particle A must have taken.
2. Why is it **unlikely** that particle A will actually ever travel this path?
3. Use your diagram to explain why gas particles produce a pressure inside a container.
4. When the temperature of the container is increased the pressure inside increases. Use your diagram to explain why.

