$$\Delta w = \alpha \left[ \begin{array}{c} (R + \gamma max_{a}\hat{Q}(s', a; w)) \\ - & \underbrace{\hat{Q}(s, a; w)} \\ Max \ Qvalue \ for \ s' \end{array} \right] - \underbrace{\hat{Q}(s, a; w)}_{Predicted \ Qvalue} \left[ \begin{array}{c} \nabla_{w}\hat{Q}(s, a; w) \\ Gradient \ of \ Qvalue \end{array} \right]$$