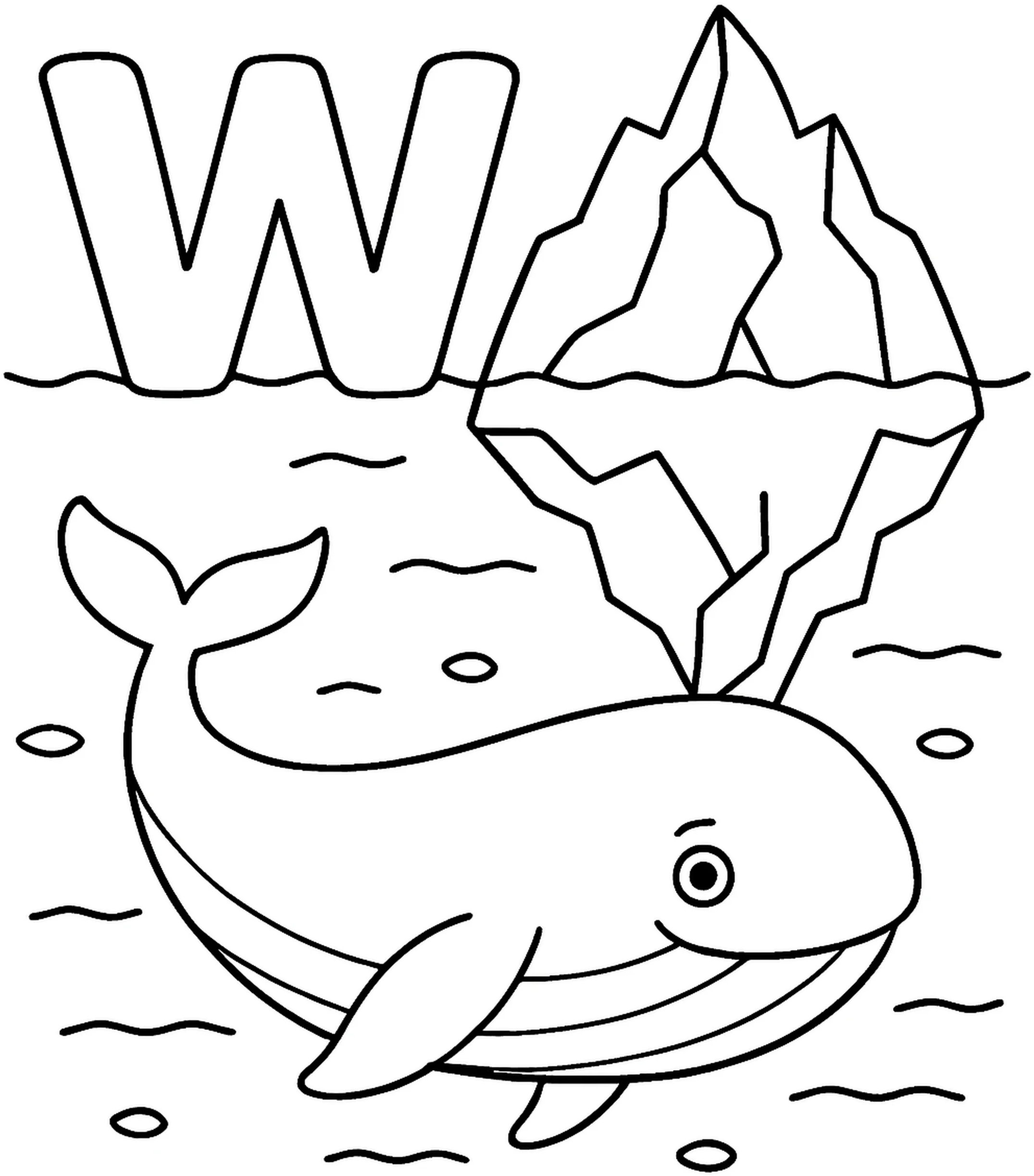WHALE